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USAFETAC/DS-79/027

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

CANNON AFB NEW MEXICO/CLOVIS
N 34 23' W 103 19' FLD ELEV 4295 FT KCVB

WEAN 123008
WFO

PARTS A-F

FOR FROM HOURLY OBS JAN 43-NOV 46, DEC 51-DEC 72
FOR FROM DAILY OBS JAN 43-NOV 46, DEC 51-DEC 72

JUN 16 1975

FEDERAL BUILDING
ASHEVILLE, N. C.

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555-4420/5

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This technical report has been reviewed and is approved for publication.

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FOR THE COMMANDER

Walter S. Burgmann

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Scientific & Technical
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UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Cannon AFB, Clovis, New Mexico It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over))																	

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* New Mexico

* Cannon AFB NM

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
6	Mar 62 to 26 Feb 63	Located 100 yds SW of observing site bldg.	Same	Same	Same	
7	27 Feb 63 to Jun 70	1. Located 550 ft WNW and 1400 ft down runway 21. 2. Located midway along and 1050 ft SE of runway 03/21.	AN/GMQ-11	RO-2	13 ft	
8	Jul 70 to Dec 72	1. Located 475 ft WNW and 1450 ft from end of runway 21. 2. Located 475 ft WNW and 775 ft from end of runway 03.	Same	Same	Same	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 66 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,51-72
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	1.2	.3	2.3		3.8	3.7	.7	.2	1.2	5.7	17843
FEB		.0	2.0	.4	3.5		5.8	5.8	.4	1.0	2.6	9.4	16740
MAR		.2	1.8	.1	2.4	.0	4.3	4.4	.5	.5	5.0	10.2	18471
APR		.4	2.7	.2	.4	.0	3.2	2.1	.3	.0	4.6	7.1	17852
MAY		1.0	3.6		.0	.1	3.6	2.1	.1		2.3	4.5	18487
JUN		2.9	3.2			.0	3.2	.8	.2		1.4	2.3	17621
JUL		3.2	4.1			.0	4.1	.8	.1		.4	1.3	18111
AUG		2.6	4.2			.0	4.2	1.3	.1		.3	1.7	18407
SEP		1.6	4.4		.0	.0	4.4	3.7	.3		.5	4.4	17810
OCT		.5	4.7	.0	.1	.0	4.7	4.7	.7		.5	5.8	18382
NOV		.2	2.2	.2	1.4		3.7	4.4	.7	.0	.7	5.8	17312
DEC		.0	1.2	.9	2.9		4.8	5.1	.8	.5	1.6	7.9	18263
TOTALS		1.1	2.9	.2	1.1	.0	4.2	3.2	.4	.2	1.8	5.5	215299

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.0	1.3	.5	2.2		3.9	4.0	.5	.2	.2	4.9	2227
	03-05		1.3	.5	2.3		3.9	4.6	.4	.3	.2	5.5	2230
	06-08		1.8	.3	3.2		5.1	6.1	2.4	.2	.7	9.2	2231
	09-11		1.3	.4	3.4		4.9	5.3	.3	.3	2.5	8.3	2227
	12-14	.0	1.2	.1	1.9		3.0	2.7	.0	.3	3.4	6.3	2234
	15-17		.9	.1	1.7		2.8	1.7	.3	.0	2.1	4.0	2233
	18-20	.0	.9	.0	1.6		2.6	2.0	.8	.0	.4	3.1	2231
	21-23		1.2	.3	2.4		3.8	2.8	1.0	.1	.4	4.4	2230
TOTALS		.0	1.2	.3	2.3		3.8	3.7	.7	.2	1.2	5.7	17843

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008

CANNON AFB NEW MEXICO/CLOVIS

43-46,52-72

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		2.0	.5	2.9		5.4	6.4	.3	.7	.9	8.0	2095
	03-05		2.6	.4	3.6		6.6	8.8	.3	.9	.9	10.5	2097
	06-08		2.6	.8	4.6		7.9	12.1	1.0	1.2	1.4	15.1	2091
	09-11		2.2	.4	4.7		7.3	6.5	.4	1.0	3.4	11.1	2089
	12-14		2.2	.1	3.2		5.5	2.8	.2	1.2	5.4	9.4	2092
	15-17	.0	1.8	.1	2.9		4.7	2.2	.1	1.1	5.3	8.5	2089
	18-20	.0	1.4	.4	2.7		4.3	2.7	.3	.9	2.2	6.0	2093
	21-23	.1	1.5	.3	3.0		4.8	4.7	.4	.7	1.4	6.9	2094
TOTALS		.0	2.0	.4	3.5		5.8	5.8	.4	1.0	2.6	9.4	16740

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-4652-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.1	2.2	.1	2.2		4.4	4.8	.4	.4	2.8	8.3	2316
	03-05	.1	2.1	.2	2.9	.0	5.0	7.6	.6	.3	2.2	10.5	2303
	06-08	.1	1.9	.3	3.4		5.5	8.7	1.6	.4	2.6	13.0	2309
	09-11	.0	1.8	.3	3.3		5.1	4.8	.6	.6	6.3	12.2	2312
	12-14	.2	1.8	.1	2.7		4.5	2.4	.3	.9	9.1	12.7	2311
	15-17	.4	1.8		1.8		3.5	2.0	.2	.5	9.0	11.6	2303
	18-20	.5	1.4		1.3	.1	2.8	1.9	.3	.2	4.8	7.2	2308
	21-23	.2	1.6	.1	1.6		3.3	2.7	.3	.3	2.8	6.0	2309
TOTALS		.2	1.8	.1	2.4	.0	4.3	4.4	.5	.5	5.0	10.2	18471

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.0	2.4	.3	.4		3.0	2.5	.3		1.7	4.5	2236
	03-05	.0	2.8	.4	.6		3.7	4.8	.7		1.6	7.0	2234
	06-08	.0	3.1	.1	.9	.0	4.2	5.4	.9		3.4	9.6	2232
	09-11	.0	2.7	.1	.4		3.2	1.9	.4		5.5	7.7	2233
	12-14	.5	1.7		.1	.0	1.9	.7	.2	.0	8.1	9.0	2230
	15-17	.9	2.4		.1	.0	2.5	.3		.0	8.4	8.8	2227
	18-20	1.1	3.0	.1	.2	.0	3.2	.6	.1		5.4	6.1	2227
	21-23	.8	3.2	.3	.3		3.7	.9	.1		2.9	4.0	2233
TOTALS		.4	2.7	.2	.4	.0	3.2	2.1	.3	.0	4.6	7.1	17852

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-4652-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.0	3.7				3.7	1.7	.1		.9	2.6	2312
	03-05	.3	3.9		.0		3.9	4.9	.2		.3	5.4	2313
	06-08	.4	3.0		.1		3.1	5.3	.3		1.3	6.9	2309
	09-11	.3	2.6		.0		2.7	1.8	.1		1.8	3.7	2309
	12-14	1.4	1.7			.1	1.7	.5	.1		3.2	3.7	2312
	15-17	3.6	3.7			.2	3.7	.7	.1		5.7	6.4	2307
	18-20	4.0	5.1			.2	5.1	.8	.1		4.2	5.0	2315
	21-23	2.7	5.0				5.0	1.0			1.3	2.3	2310
TOTALS		1.8	3.6		.0	.1	3.6	2.1	.1		2.3	4.5	18487

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	2.1	3.4				3.4	.4	.0		.6	1.0	2203
	03-05	.9	2.3				2.3	2.1	.1		.5	2.5	2201
	06-08	.5	1.6				1.6	2.1	.3		1.1	3.4	2203
	09-11	.3	1.1				1.1	.6	.1		1.0	1.7	2202
	12-14	1.7	1.6			.0	1.6	.3	.4		1.6	2.1	2200
	15-17	4.9	4.2			.3	4.2	.2	.3		2.8	3.1	2204
	18-20	7.9	6.5				6.5	.2	.2		2.1	2.4	2203
	21-23	4.8	4.9			.0	4.9	.3			1.5	1.8	2205
TOTALS		2.9	3.2			.0	3.2	.8	.2		1.4	2.3	17621

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02	2.5	5.2				5.2	1.1	.1		.0	1.2	2245
	03-05	1.4	2.9				2.9	2.0	.2		.1	2.2	2223
	06-08	.3	2.0				2.0	1.9	.4		.2	2.6	2277
	09-11	.3	1.5				1.5	.4	.1		.1	.7	2269
	12-14	2.1	2.4				2.4	.1			.6	.7	2274
	15-17	5.7	4.2			.0	4.2	.2	.0		.7	.9	2277
	18-20	7.2	6.8			.1	6.8	.4			1.0	1.3	2269
	21-23	5.7	7.5				7.5	.6	.2		.3	1.1	2277
TOTALS		3.2	4.1			.0	4.1	.8	.1		.4	1.3	18111

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

63-46,52-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.8	5.2				5.2	.9	.0		.2	1.1	2259
	03-05	1.1	3.3				3.3	2.9	.2		.2	3.2	2226
	06-08	.3	3.0				3.0	4.9	.6		.1	5.5	2316
	09-11	.1	1.6				1.6	.7	.1		.2	1.0	2321
	12-14	2.1	3.0				3.0	.3			.1	.5	2322
	15-17	5.6	5.5				5.5	.5			.5	.9	2321
	18-20	6.2	5.6			.0	5.6	.1			.4	.5	2323
	21-23	3.7	6.0				6.0	.2	.1		.3	.6	2319
TOTALS		2.6	4.2			.0	4.2	1.3	.1		.3	1.7	18407

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.7	4.9		.0		5.0	3.8	.0		.4	4.2	2185
	03-05	.6	4.8				4.8	6.4	.4		.4	7.1	2159
	06-08	.3	3.9				3.9	10.1	.7		.5	11.0	2245
	09-11	.2	3.2				3.2	2.7	.4		.6	3.5	2241
	12-14	1.2	3.7				3.7	1.5	.2		.8	2.3	2247
	15-17	3.1	4.0			.0	4.0	1.4	.2		.6	2.0	2243
	18-20	3.5	5.3				5.3	1.6	.1		.6	2.4	2245
	21-23	2.3	5.3				5.3	2.3			.3	2.6	2245
TOTALS		1.6	4.4		.0	.0	4.4	3.7	.3		.5	4.4	17810

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008

CANNON AFB NEW MEXICO/CLOVIS

43-46,52-72

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02	.6	5.0		.1		5.0	4.5	.9		.1	5.4	2261
	03-05	.6	5.5		.1		5.6	6.2	1.2		.2	7.9	2227
	06-08	.3	5.5	.1	.1		5.6	9.2	2.1		.3	11.5	2323
	09-11	.2	4.8	.1	.3	.0	5.0	4.2	.3		1.0	5.4	2311
	12-14	.6	4.1		.2		4.2	3.4	.0		.7	4.2	2311
	15-17	.5	3.8		.1		3.8	2.9	.1		.9	3.8	2314
	18-20	.7	4.3		.0	.0	4.3	3.0	.5		.4	3.8	2315
	21-23	.8	4.2	.0	.1	.0	4.3	4.0	.8			4.7	2320
TOTALS		.5	4.7	.0	.1	.0	4.7	4.7	.7		.5	5.8	18382

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008

CANNON AFB NEW MEXICO/CLOVIS

43-46,52-72

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.4	2.9	.0	1.4		4.2	4.8	.6		.2	5.6	2123
	03-05	.1	2.2	.2	1.3		3.7	6.4	1.0	.0	.1	7.4	2099
	06-08	.1	2.6	.4	1.8		4.8	8.4	2.2		.4	10.8	2185
	09-11		2.2	.3	1.6		3.9	5.2	.3	.1	1.5	7.1	2180
	12-14	.1	1.9	.1	1.8		3.7	3.2	.2	.1	1.7	5.1	2181
	15-17	.1	1.4	.1	1.1		2.5	2.0	.2		1.1	3.3	2179
	18-20	.2	1.9	.1	1.2		3.2	1.9	.4		.5	2.8	2184
	21-23	.3	2.7	.0	1.1		3.8	3.3	.5		.3	4.1	2181
TOTALS		.2	2.2	.2	1.4		3.7	4.4	.7	.0	.7	5.8	17312

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02	.0	1.8	1.0	2.6		5.2	5.4	.6	.5	.3	6.7	2230
	03-05		1.7	1.1	3.1		5.7	6.0	.7	.7	.5	7.8	2200
	06-08		1.4	1.3	3.6		6.1	7.6	2.3	.3	.8	10.7	2313
	09-11		.9	.9	3.3		5.2	6.1	.3	.6	3.4	10.3	2320
	12-14		.9	.8	3.1		4.7	4.3	.1	.7	3.9	8.8	2319
	15-17	.1	.8	.4	2.5		3.6	3.6	.5	.5	2.3	6.8	2309
	18-20	.0	.9	.5	2.1		3.5	3.1	1.2	.5	.8	5.5	2287
	21-23	.0	1.2	.8	2.7		4.7	4.9	.6	.5	.4	6.3	2285
TOTALS		.0	1.2	.9	2.9		4.8	5.1	.8	.5	1.6	7.9	18263

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXX **WEATHER CONDITIONS**
ATMOSPHERIC PHENOMENA

23008 CANNON AFB NEW MEXICO/CLOVIS 46, 51-72 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.3	10.3	3.1	12.9	.1	18.2	15.0	.3	.9	.4	15.8	682
FEB		.3	13.5	2.6	15.3	.3	24.1	21.1	.3	1.9	.2	21.7	622
MAR		2.3	17.2	1.6	12.3	1.3	24.5	16.3	.9	1.8	.1	17.7	682
APR		6.4	21.4	.6	2.6	2.0	21.1	13.0	.8		.8	13.9	660
MAY		21.1	32.4		.1	4.0	31.2	12.3	.9			12.9	682
JUN		29.4	36.2			3.6	35.0	7.1	.6		.2	7.6	660
JUL		31.7	41.2			1.6	39.7	6.9	.4		.3	7.3	682
AUG		28.9	39.8			.7	38.7	10.6	.9			10.6	682
SEP		15.6	30.6			.9	30.5	21.1	1.2			21.2	660
OCT		6.6	21.0	.3	1.8	1.3	21.3	18.5	.4		.1	18.7	680
NOV		3.1	14.0	.9	7.5	.2	18.3	17.3	.8			17.5	640
DEC		1.0	12.3	3.4	13.3	.1	19.5	17.2	.3	1.2		17.6	682
TOTALS		12.2	24.2	1.0	5.5	1.3	26.8	14.7	.6	.5	.2	15.2	8014

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 51-72

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-10	11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-74	37-48	49-60	61-120	OVER 120					
JAN	80.0	12.0	1.3	2.3	.9	1.3	1.6	.5						8.0	750	.40	1.36	.00
FEB	74.4	14.9	1.8	3.5	2.0	1.7	1.6	.1						10.7	707	.34	1.47	TRACE
MAR	75.2	15.2	1.0	2.1	2.1	3.0	.9	.5						9.3	775	.43	2.06	TRACE
APR	77.7	11.7	1.3	3.3	1.6	1.6	1.5	1.1	.1					10.3	750	.57	2.10	.00
MAY	66.5	17.5	1.9	4.1	2.1	2.3	2.8	1.3	1.3					16.0	775	1.39	6.71	.09
JUN	63.9	13.6	3.3	4.0	2.9	4.4	3.2	3.1	1.5					22.5	750	2.08	3.45	TRACE
JUL	60.0	13.9	3.0	6.1	2.3	4.6	4.4	3.2	2.3	.1				26.1	775	2.77	11.44	.26
AUG	58.7	17.5	1.9	4.6	3.2	4.9	4.4	3.5	1.2					23.7	775	2.20	6.02	.16
SEP	67.3	13.6	2.0	4.9	2.0	3.2	3.2	2.4	1.2	.1				19.1	750	1.68	3.88	TRACE
OCT	77.4	8.3	1.2	3.6	1.3	3.4	2.5	.9	1.4	.1				14.4	775	1.40	6.18	.00
NOV	81.4	8.3	1.4	2.3	2.3	2.2	1.6	.1	.1					10.1	730	.45	2.10	TRACE
DEC	79.2	9.9	1.8	3.3	2.0	1.7	1.8	.3						10.9	760	.44	1.92	TRACE
ANNUAL	71.8	13.0	1.8	3.7	2.4	2.9	2.3	1.4	.8	.0				15.1	9070	14.10		

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46, 51-72

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	*TRACE	TRACE	.01	.01	.58	.55	.30	.83	.22	.07	.24	.44	.83
44	.26	.30	TRACE	.46	1.23	1.65	.34	2.21	.71	.56	.17	.47	2.21
45	.35	.10	.10	.02	.20	TRACE	.99	.60	.20	.31	TRACE	.03	.99
46	.77	.10	.17	.06	.06	.30	1.48	1.25	1.50	1.33*	.33		
51												.01	
52	.55	.08	.06	.65	.31	.52	1.27	.50	.64	.00	.46	.48	1.27
53	.49	.41	.13	.15	.49	.14	1.21	1.42	TRACE	.51	.03	.32	1.42
54	.14	.05	.08	1.60	1.37	1.04	.39	2.45	.51	1.86	TRACE	.02	2.45
55	.08	.01	.05	.58	.41	.24	.64	.38	.38	.42	.08	.03	.64
56	.04	.59	TRACE	.27	.83	.75	1.52	.30	.02	1.00	TRACE	TRACE	1.52
57	.11	.33	.74	.56	1.99	.78	.39	.43	.85	.93	.30	TRACE	1.99
58	.89	.19	.63	.30	1.50	1.88	1.51	.76	1.58	.39	.36	.10	1.88
59	.25	.10	.15	.09	.68	1.09	1.32	.98	.12	.65	.01	.61	1.32
60	.50	.47	.33	.34	1.06	1.36	3.65	1.50	.64	2.78	TRACE	.56	3.65
61	.38	.24	.71	.05	.14	.87	1.45	.70	.68	.07	.35	.35	1.45
62	.40	.45	.45	.23	.16	.20	1.24	.07	.67	.45	.17	.20	1.24
63	.10	.33	TRACE	.06	2.04	2.50	.86	.90	.67	.32	.33	.04	2.50
64	.04	.33	.25	TRACE	.50	1.87	.26	.44	.91	.04	.43	.35	1.87
65	.06	.12	.24	.34	.40	.75	.50	.53	.57*	.27	TRACE	.20	.75
66	.10	.08	TRACE	.30	.37	.97	.53	1.25	1.37	.11	.51	.01	1.37
67	.00	.02	.22	.55	.36	2.10	1.27	1.16	1.35	.05	.01	.16	2.10
68	.72	.07	.84	.11	.63	.35	.61	1.05	.85	.24	.27	.11	1.05
69	.12	.30	.45	.50	1.82	.58	.62	.41	.79	1.14	.27	.47	1.82
70	.01	.12	.24	.66	.11	.80	1.48	.43	2.95	.20	TRACE	.03	2.95
71	.06	.21	.22	.70	.65	1.71	.64	.90	1.19	1.03	1.74	.41	1.74
72	.13	.05	.12	.00	.58	.92	2.50	.97	1.12	1.13	.28	.25	2.50
MEAN	.262	.202	.248	.348	.739	.957	1.079	.897	.820	.634	.254	.226	1.730
S. D.	.261	.164	.251	.331	.594	.669	.762	.569	.627	.656	.353	.202	.731
TOTAL OBS.	750	707	775	750	775	750	775	775	750	773	730	760	9070

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OUI)

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46, 51-72

YEARS

[illegible]

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88.5 (OLI)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

23008

CANNON AFB NEW MEXICO/CLOVIS

43-46, 51-72

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	86.1	9.1	1.6	1.5	.7	.1	.3	.6						4.8	682	2.4	10.1	.0
FEB	84.2	9.5	1.3	2.4	1.4	.6	.3	.2						6.3	622	2.6	15.8	TRACE
MAR	88.3	7.3	1.6	1.6	.7	.3	.1							4.4	682	1.5	6.7	.0
APR	97.0	2.6	.2	.2		.2								.5	660	.2	3.0	.0
MAY	100.0														682	.0	.0	.0
JUN	100.0														660	.0	.0	.0
JUL	100.0														682	.0	.0	.0
AUG	100.0														682	.0	.0	.0
SEP	100.0														660	.0	.0	.0
OCT	98.5	1.2	.1	.1										.3	680	TRACE	.5	.0
NOV	92.2	4.8	.8	.9	.5	.3	.3	.2						3.0	640	1.4	9.9	.0
DEC	86.5	8.1	1.6	1.6	.7	.3	.7	.3						5.4	667	2.6	8.6	TRACE
ANNUAL	94.4	3.5	.6	.7	.3	.1	.1	.1						2.1	7999	16.7		

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 51-72

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43													
44													
45													
46	5.1	1.0	.5	.0	.0	.0	.0	.0	.0	.0*	3.3		
51												* 1.0	
52	5.5	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	4.6	5.0	5.5
53	2.4	1.3	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.4
54	1.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.6
55	.4	.1	.5	TRACE	.0	.0	.0	.0	.0	.0	.8	.3	.8
56	.3	5.9	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	5.9
57	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	3.0	TRACE	3.0
58	5.5	1.8	2.6	3.0	.0	.0	.0	.0	.0	.0	TRACE	2.3	5.5
59	1.0	1.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	4.0	4.0
60	3.8	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.0
61	3.0	3.0	1.4	TRACE	.0	.0	.0	.0	.0	.0	3.5	3.5	3.5
62	4.0	1.1	3.5	.0	.0	.0	.0	.0	.0	.0	1.7	.8	4.0
63	.8	1.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.9	1.3
64	.2	3.7	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.9	3.7
65	.2	2.9	1.4	.0	.0	.0	.0	.0	.0*	.0	.0	.7	2.9
66	2.2	TRACE	TRACE	.5	.0	.0	.0	.0	.0	TRACE	TRACE	.1	2.2
67	.0	1.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.5	1.6
68	1.0	2.0	1.9	.0	.0	.0	.0	.0	.0	TRACE	.1	.9	2.0
69	.0	.1	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	5.7	5.7
70	.1	1.7	2.4	TRACE	.0	.0	.0	.0	.0	.3	TRACE	TRACE	2.4
71	.6	2.1	2.8	.0	.0	.0	.0	.0	.0	.0	.7	3.8	3.8
72	1.3	.5	TRACE	.0	.0	.0	.0	.0	.0	.5	2.4	3.8	3.8
MEAN	1.77	1.56	.89	.17	.00	.00	.00	.00	.00	.04	.91	1.75	3.31
S. D.	1.890	1.459	1.145	.642	.000	.000	.000	.000	.000	.122	1.459	1.868	1.503
TOTAL OBS.	682	622	682	660	682	660	682	682	660	680	640	667	7999

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIJ)

XXXXXXXXXXXXXXXXXXXX
 EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46, 51-72

[illegible]

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF ETAG
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23009 CANNON AFB NEW MEXICO/CLOVIS 43-46, 51-72

STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-5	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	87.2	6.6	2.8	1.7	.7	1.3	.1							6.8	749			
FEB	91.5	2.5	2.5	1.4	.7	.8	.6	.1						5.9	767			
MAR	96.8	.6	1.5	.8	.4		.1							2.6	775			
APR	99.5	.4	.1											.1	750			
MAY	100.0														775			
JUN	100.0														750			
JUL	100.0														775			
AUG	100.0														775			
SEP	100.0														750			
OCT	99.7	.3													773			
NOV	94.5	1.8	1.4	.5	1.0	.8								3.7	730			
DEC	87.4	5.5	2.6	1.4	.9	2.1								7.1	760			
ANNUAL	96.4	1.4	.9	.5	.3	.4	.0	.0						2.2	9069			

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

23008 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46, 51-72 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	*TRACE	TRACE	0	0	0	0	0	0	0	0	1	1	1
44	TRACE	0	0	1	0	0	0	0	0	0	TRACE	2	2
45	TRACE	TRACE	0	TRACE	0	0	0	0	0	0	0	0	TRACE
46	8	1	0	0	0	0	0	0	0	0*	3		
51											*	0	
52	6	0	0	0	0	0	0	0	0	0	5	6	6
53	0	1	0	0	0	0	0	0	0	0	0	TRACE	1
54	2	0	0	0	0	0	0	0	0	0	0	TRACE	2
55	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	1	TRACE	1
56	TRACE	16	0	0	0	0	0	0	0	0	0	0	16
57	TRACE	0	0	TRACE	0	0	0	0	0	0	4	0	4
58	6	TRACE	2	0	0	0	0	0	0	0	0	2	6
59	TRACE	1	0	TRACE	0	0	0	0	0	0	0	5	5
60	5	1	TRACE	0	0	0	0	0	0	0	0	6	6
61	4	2	2	0	0	0	0	0	0	0	6	6	6
62	2	1	0	0	0	0	0	0	0	0	1	TRACE	2
63	1	3	0	0	0	0	0	0	0	0	0	1	3
64	0	6	2	0	0	0	0	0	0	0	0	1	6
65	0	4	1	0	0	0	0	0	0*	0	0	1	4
66	4	0	0	0	0	0	0	0	0	0	0	0	4
67	0	1	0	0	0	0	0	0	0	0	0	4	4
68	1	2	2	0	0	0	0	0	0	0	1	TRACE	2
69	0	1	8	0	0	0	0	0	0	0	0	6	3
70	3	1	3	0	0	0	0	0	0	TRACE	0	0	3
71	*	1	TRACE	2	0	0	0	0	0	0	0	4	4
72	2	1	TRACE	0	0	0	0	0	0	TRACE	2	3	3
MEAN	1.8	1.7	.9	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.9	4.1
S.D.	2.380	3.313	1.764	.200	.000	.000	.000	.000	.000	.000	1.719	2.326	3.248
TOTAL OBS.	749	707	775	750	775	750	775	775	750	773	730	760	9069

NOTE * (BASED ON < FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 51-72

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43													
44													
45													
46													
51													
52	WNW 42NE	55W	54NNE	40NNW	65NW	*61							
53	WNW*47NE	54WNW	54WSW	52WSW	56S	59W	.66NNW	60NNE	38NNE	44NNW	41NNE	54	W 66
54	NNW 42N	56NE	62NE	57SW	46W	62NE	45S	38E	33NW	34NNW	47W	56	NE 62
55	SW 56WSW	43NW	61NNW	59E	47SW	64ESE	48N	42SSE	40WSW*42WSW	59W	56	SW 64	
56	WSW 50W	43NNE	55W	57SSE	56SSW	59NNW	61NW	42ESE	65NW	54NNW	40W	48	ESE 65
57	WSW 48WSW	41NNW	73NNW	52SSE	49S	44SSE	44ENE	40NE	54W	64N	46WSW	61	NNW 73
58	W	54NNW	46S	43WSW	59N	46ESE	50ESE	50NNW	31NNE	40W	36WSW	41W	40 WSW 59
59	WSW 38W	52NNE	56NW	44SW	46W	45NW	38N	32WSW	29NNE	30WSW	34NNE	42	NNE 56
60	SW 35SSW	60WSW	55WSW	40NNE	47SW	55SE	51S	36W	38NNE	40SSW	49WSW	37	SSW 60
61	N	38SW	37WSW	52W	50SSW	50SSW	44NNW	58E	35SSW	40NNE	40N	39WSW	40 NNW 58
62	N	37SW	50WSW	52N	50WSW	48S	43S	40ENE	50NNE	35W	33WSW*42NNE	36	WSW 52
63	W	49W	45W	43SW	48NNW	44NNW	44N	*42NW	*36NNE	27ENE	37NNE	45N	43 W 49
64	W	48NNE	42S	45W	53SSW	46NNW	43SSE	36SSW	36S	39NNE	47SW	53W	36 W 53
65	W	51NNE*42W	54SSW	45WSW	43ESE	42NNW	41ENE	38WSW	40SSW	40W	48SW	42	W 54
66	W	41N	40W	51NNE	43NNE	48NE	*41S	36N	37N	48NNE	47SSW	35N	52 N 52
67	W	60NNE	45NNE	43SW	57NW	48E	40N	48NE	36S	37N	43NNE	44N	49 W 60
68	N	40W	38N	53SSW	54NNW	55N	43	8/ 3017/	3831/	4025/	3825/	4726/	52 NNW 55
69	28/	5226/	53 1/	4436/	5034/	6134/	3327/	4733/	4514*	3020/	3528/	3827/	46 34/ 61
70	29/	4029/	42 1/	5028/	49 2/	5226/	53 1/	35 8/	33 4/	3936/	4526/	4230/	48 26/ 53
71	26/	4326/	4628/	5415/	5024/	4230/	4634/	4136/	4513/	3925/	4029/	4227/	41 28/ 54
72	30/	4426/	4129/	4124/	4415/	3725/	40 8/	4828/	69 4/	31 3/	3528/	4125/	57 28/ 69
MEAN	45.5	46.2	52.1	50.1	49.1	48.1	45.3	41.0	39.1	41.2	43.7	46.8	58.8
S.D.	6.787	6.480	7.598	5.885	6.498	8.702	9.060	9.417	8.687	7.811	5.914	7.627	6.348
TOTAL OBS.	640	585	650	627	640	604	609	610	590	607	590	618	7370

NOTES * (BASED ON < FULL MONTHS)

§ (BASED ON < FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM 0-8E-5 (OII)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23000 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46, 51-72 YEARS ALL MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	1.3	1.1	.5	.3	.1	.0	.0			4.7	10.9
NNE	.2	.6	1.3	1.6	.8	.4	.1	.0	.0			5.0	12.6
NE	.3	.9	1.4	1.4	.5	.2	.0	.0				4.7	10.9
ENE	.2	.7	1.0	.9	.2	.1	.0	.0				3.0	9.7
E	.5	1.1	1.4	.8	.2	.0	.0	.0				4.0	8.5
ESE	.3	.8	1.2	.7	.2	.1	.0	.0				3.2	9.3
SE	.4	1.1	1.8	1.2	.4	.1	.0	.0	.0	.0		5.0	9.8
SSE	.4	1.3	2.4	1.8	.6	.2	.0	.0	.0			6.8	10.3
S	.7	2.2	3.7	2.5	.6	.1	.0	.0	.0			10.0	9.5
SSW	.5	1.7	3.1	2.1	.5	.2	.0	.0				8.1	9.7
SW	.7	2.1	3.2	2.2	.6	.2	.0	.0	.0			8.9	9.5
WSW	.4	1.6	3.1	2.6	.9	.4	.1	.0	.0			9.1	10.9
W	.6	2.0	3.6	2.8	1.1	.6	.1	.0	.0	.0		10.8	11.0
WtW	.3	.9	1.4	1.0	.4	.2	.1	.0	.0			4.4	10.6
NW	.4	.9	1.1	.5	.2	.1	.0	.0	.0	.0		3.2	8.6
NNW	.3	.7	.8	.5	.2	.1	.0	.0	.0	.0		2.7	9.8
VARBL													
CALM												6.4	
	6.4	19.6	31.9	23.8	8.0	3.2	.6	.1	.0	.0		100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 215296

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23208
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	2.0	1.7	.8	.4	.0	.0				6.9	10.7
NNE	.3	.9	1.7	1.9	.8	.3	.0					5.9	11.6
NE	.3	.9	1.5	1.3	.4	.1						4.5	10.2
ENE	.2	.5	.9	.7	.1	.0						2.4	7.0
E	.3	.6	.8	.5	.1	.0						2.3	8.2
ESE	.1	.3	.7	.3	.0							1.3	8.6
SE	.2	.4	.9	.2	.1	.0						1.8	8.2
SSE	.2	.7	1.1	.3	.1	.1	.0					2.5	8.9
S	.4	1.0	1.6	.7	.1	.0	.0					3.9	8.2
SSW	.4	1.3	1.7	1.5	.3	.1						5.3	9.2
SW	.6	2.1	2.9	2.5	.5	.1						8.8	9.4
WSW	.5	2.4	4.7	4.7	1.6	.5	.1	.0				14.5	11.1
W	1.0	2.9	5.6	4.8	2.0	.9	.2	.1				17.3	11.2
WNW	.5	1.5	2.7	1.6	.8	.3	.1					7.4	10.5
NW	.6	1.5	1.9	.7	.2	.1						5.0	8.1
NNW	.3	1.0	1.4	.8	.4	.1	.0	.0				4.0	9.8
VARBL													
CALM												6.1	
	6.4	19.4	32.0	24.2	8.4	3.0	.4	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

17845

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23008 CANNON AFB NEW MEXICO/CLOVIS 43-46,52-72 YEARS FEB
STATION NAME NORTH
CLASS ALL WEATHER ALL
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	1.6	1.9	1.0	.6	.0	.0				6.7	12.2
NNE	.2	.7	1.5	2.0	1.4	.7	.1					6.6	13.5
NE	.3	1.0	1.6	1.4	.6	.2	.1	.0				5.2	11.2
ENE	.2	.6	.9	.7	.2	.1	.0	.0				2.7	9.9
E	.4	1.1	1.2	.8	.1	.1	.0	.0				3.8	8.5
ESE	.2	.5	.9	.6	.0	.0	.0					2.3	8.7
SE	.2	.9	1.1	.7	.2	.0						3.2	9.1
SSE	.2	.8	1.4	1.0	.3	.0	.0					3.7	9.6
S	.5	1.5	1.9	1.1	.2	.0						5.2	8.3
SSW	.4	1.3	2.3	1.4	.4	.1	.0					5.9	9.5
SW	.5	2.2	3.3	2.3	.9	.3	.0	.0	.0			9.5	10.1
WSW	.4	1.8	3.8	3.5	1.4	.5	.1	.0	.0			11.5	11.6
W	.8	2.3	4.7	4.1	1.6	.8	.2	.0	.0			14.5	11.3
WNW	.4	1.0	1.8	1.5	.6	.2	.1	.0				5.5	10.8
NW	.4	1.2	1.4	.9	.2	.1	.0	.0				4.2	8.8
NNW	.4	1.0	1.2	1.0	.4	.3	.1	.0				4.2	10.6
VARBL													
CALM												5.3	
	5.8	18.8	30.8	24.6	9.6	4.1	.7	.2	.0			100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 16736

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2300R
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	1.4	1.4	.8	.6	.2	.0	.0			5.7	12.8
NNE	.2	.6	1.4	1.9	1.3	.6	.1	.0	.0			6.1	13.9
NE	.2	.6	1.2	1.3	.7	.3	.0	.0				4.4	12.1
ENE	.3	.7	.9	1.0	.3	.1	.0					3.3	10.4
E	.4	.8	1.1	.9	.4	.0						3.6	9.3
ESE	.2	.4	.8	.8	.4	.1	.0					2.7	10.8
SE	.3	.7	1.3	1.0	.3	.2	.0					3.9	10.3
SSE	.3	.8	1.5	1.4	.4	.3	.0					4.7	10.9
S	.4	1.3	2.3	2.0	.6	.2	.0	.0				6.8	10.3
SSW	.5	1.2	2.7	2.2	.8	.3	.0	.0				7.7	10.9
SW	.4	1.7	2.9	2.9	1.0	.3	.1	.0				9.4	11.0
WSW	.3	1.5	3.2	3.3	1.7	.9	.2	.1	.0			11.2	12.8
W	.4	1.8	3.7	3.6	2.1	1.4	.4	.1	.0	.0		13.5	13.4
WNW	.3	.9	1.5	1.4	.9	.7	.2	.1	.0			5.9	13.6
NW	.3	.9	1.3	.9	.3	.2	.1	.1	.0	.0		3.9	10.7
NNW	.2	.5	.8	.8	.3	.3	.1	.1	.1	.0		3.2	13.9
VARBL													
CALM												4.0	
	5.0	15.3	27.8	26.8	12.3	6.6	1.5	.6	.1	.0		100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 18473

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	1.2	1.1	.6	.4	.1	.0				4.3	12.1
NNE	.1	.4	1.1	1.5	.9	.5	.1	.0				4.6	13.7
NE	.2	.7	1.3	1.6	.8	.4	.1	.0				4.9	12.8
ENE	.1	.6	1.1	1.2	.5	.1	.0					3.6	11.5
E	.4	.9	1.5	1.1	.4	.1	.0					4.5	9.8
ESE	.2	.6	1.2	1.2	.4	.3	.0					3.9	11.3
SE	.3	.8	1.8	1.5	.6	.3	.0					5.4	11.2
SSE	.3	.7	1.6	1.6	.7	.3	.1	.0				5.3	11.6
S	.5	1.3	2.4	2.3	.7	.2	.0					7.4	10.4
SSW	.3	1.0	2.5	2.5	.8	.4	.1	.0				7.6	11.8
SW	.4	1.7	3.1	2.8	1.0	.5	.1	.0				9.7	11.1
WSW	.3	1.1	2.9	3.1	1.4	.9	.3	.1				10.0	13.0
W	.3	1.5	3.8	3.7	1.8	1.2	.2	.0	.0			12.6	12.8
WNW	.2	.9	1.6	1.5	.7	.4	.2	.0				5.5	12.5
NW	.3	.8	1.2	.8	.3	.2	.1					3.7	10.4
NNW	.2	.5	.8	.5	.3	.2	.1		.0			2.5	11.3
VARBL													
CALM												4.5	
	4.3	14.4	29.1	28.0	11.9	6.2	1.4	.2	.0			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 17853

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.1	.9	.4	.2	.0	.0				3.6	10.9
NNE	.1	.5	1.1	1.6	.8	.4	.1					4.7	13.2
NE	.2	.8	1.4	1.6	.6	.5	.1					5.1	12.2
ENE	.2	.6	1.0	1.1	.3	.1	.0					3.3	10.6
E	.4	1.0	1.5	1.1	.3	.1	.0	.0				4.3	9.5
ESE	.2	.6	1.4	1.0	.4	.1	.0					3.9	10.7
SE	.3	1.1	2.2	2.0	.6	.3	.0	.0	.0	.0		6.6	11.1
SSE	.4	1.3	2.6	2.6	1.1	.5	.1	.0				8.8	11.8
S	.5	1.8	3.8	3.2	1.0	.3	.0	.0	.0			10.6	10.6
SSW	.4	1.6	3.0	2.4	.9	.3	.0	.0				8.6	10.7
SW	.6	2.0	3.0	2.4	.8	.4	.1	.0				9.4	10.4
WSW	.2	1.1	2.3	2.3	.9	.3	.1	.0				7.2	11.5
W	.3	1.5	3.2	2.6	1.1	.5	.0	.0				9.1	11.3
WNW	.2	.7	1.0	1.1	.5	.3	.1	.0				3.9	12.0
NW	.2	.8	1.1	.7	.2	.1	.0					3.1	9.7
NNW	.2	.5	.7	.7	.2	.1	.0	.0				2.3	10.5
VARBL													
CALM												5.7	
	4.5	16.5	30.4	27.5	10.2	4.4	.7	.1	.0	.0		100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 18485

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72 YEARS JUN MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.8	.7	.2	.2						2.7	10.4
NNE	.1	.4	.9	.9	.4	.2	.0					3.0	12.0
NE	.2	.7	1.1	1.0	.4	.2	.0	.0				3.3	11.0
ENE	.2	.6	1.0	1.1	.2	.1	.0					3.2	10.4
E	.4	1.1	1.8	1.3	.4	.1	.0					5.2	9.7
ESE	.3	.8	1.5	1.2	.5	.2	.0	.0				4.5	10.7
SE	.3	1.1	2.3	2.1	.8	.3	.1	.0				7.0	11.2
SSE	.3	1.5	3.4	3.9	1.9	.6	.1	.0	.0			11.6	12.4
S	.6	2.3	5.7	5.5	1.9	.4	.1	.0				16.5	11.1
SSW	.4	1.7	3.8	3.9	1.1	.4	.0	.0				11.4	11.1
SW	.5	1.7	3.4	2.8	.7	.1	.0	.0	.0			9.2	10.2
WSW	.2	1.2	2.2	1.8	.4	.1	.0					5.9	10.2
W	.3	1.2	2.0	1.5	.3	.1	.0	.0				5.4	9.8
WNW	.1	.4	.7	.5	.1	.0	.0	.0				2.0	9.8
NW	.2	.6	.7	.3	.1	.0	.0	.0		.0		2.0	9.1
NNW	.2	.5	.6	.3	.1	.1	.0					1.8	9.3
VARBL													
CALM												5.0	
	4.7	16.2	31.8	28.9	9.6	3.1	.5	.1	.0	.0		100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 17619

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 32-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	.9	.5	.1	.1	.0	.0				2.9	8.8
NNE	.2	.6	.9	.8	.2	.0	.0	.0				2.7	9.7
NE	.3	.8	1.1	1.0	.3	.0	.0	.0				3.4	9.8
ENE	.2	.7	1.1	.8	.2	.0	.0					3.0	9.3
E	.5	1.3	1.9	1.0	.2	.0						4.9	8.4
ESE	.4	1.2	1.9	1.0	.3	.1	.0	.0				4.8	9.1
SE	.5	1.9	3.3	2.2	.6	.2	.0	.0				8.7	9.9
SSE	.7	2.5	5.1	4.2	1.0	.2	.0					13.8	10.0
S	1.1	3.8	7.1	5.2	1.3	.1	.0					18.6	9.6
SSW	.8	2.1	4.3	2.8	.5	.0						10.4	9.2
SW	.9	2.1	2.9	1.5	.2	.0						7.6	8.1
WSW	.3	1.3	1.7	.6	.1		.0					3.9	7.8
W	.3	1.0	1.3	.3	.1	.0						3.0	7.4
WNW	.2	.4	.6	.2	.1	.0						1.5	8.3
NW	.2	.6	.7	.2	.1	.0		.0				1.9	8.3
NNW	.2	.4	.6	.3	.1	.0	.0					1.6	9.0
VARBL													
CALM												7.2	
	7.0	21.5	35.2	22.5	5.3	.9	.1	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 18114

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23008 STATION NAME CANNON AFB NEW MEXICO/CLOVIS YEARS 43-46, 52-72 MONTH AUG
CLASS ALL WEATHER
CONDITION ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	1.0	.6	.1	.0	.0					3.0	8.3
NNE	.2	.6	.9	.8	.2	.1	.0	.0	.0			2.7	10.1
NE	.3	.9	1.2	.9	.3	.0						3.6	9.1
ENE	.3	.7	1.2	.7	.1	.0	.0					3.0	8.3
E	.8	1.9	2.0	.8	.1	.0	.0					5.6	7.4
ESE	.6	1.6	2.0	.8	.2	.0	.0					5.2	8.0
SE	.7	2.2	3.4	1.8	.4	.1	.0					8.6	8.9
SSE	.9	2.6	4.6	2.7	.5	.1	.0	.0	.0			11.4	8.9
S	1.4	3.8	6.7	3.5	.5	.1	.0					16.0	8.6
SSW	.9	2.3	4.3	1.8	.2	.0						9.6	8.2
SW	.8	2.3	3.4	1.2	.2	.0						7.9	7.9
WSW	.4	1.3	1.8	.7	.1	.0						4.3	7.9
W	.5	1.5	1.5	.7	.1	.0	.0					4.4	7.6
WNW	.2	.5	.5	.1	.0	.0						1.5	7.1
NW	.3	.5	.5	.2	.0	.0		.0				1.5	7.0
NNW	.2	.6	.4	.2	.1	.0						1.5	8.2
VARBL													
CALM												10.1	
	9.0	24.1	35.5	17.6	3.0	.6	.1	.0	.0			100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 18406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23008 STATION NAME CANNON AFB NEW MEXICO/CLOVIS YEARS 43-46, 52-72 MONTH SEP
CLASS ALL WEATHER
CONDITION ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.8	.8	.3	.2	.1	.0				3.2	10.3
NNE	.3	.4	1.3	1.6	.6	.3	.1	.0				4.6	12.2
NE	.4	1.0	1.8	1.7	.6	.1	.0	.0				5.6	10.6
ENE	.3	.9	1.2	.9	.1	.0	.0					3.3	8.9
E	.6	1.4	1.8	.8	.1	.0	.0					4.7	7.8
ESE	.4	1.0	1.5	.6	.1	.1	.0					3.7	8.2
SE	.6	1.7	2.7	1.5	.4	.1						7.0	8.9
SSE	.6	2.1	3.8	2.2	.5	.1						9.4	9.1
S	1.2	4.0	6.2	3.4	.7	.1	.0					15.6	8.7
SSW	.8	2.5	4.5	2.0	.2	.0	.0					10.2	8.4
SW	.9	2.5	3.4	1.6	.2	.0						8.7	8.1
WSW	.5	1.5	2.5	1.1	.2	.0						5.8	8.3
W	.7	1.8	2.3	.8	.2	.0						5.8	7.8
WNW	.2	.7	.6	.2	.1	.0						1.8	7.5
NW	.4	.7	.5	.1	.0	.0						1.7	6.3
NNW	.3	.5	.4	.1	.0	.0						1.4	6.9
VARBL													
CALM												7.6	
	8.7	23.2	35.3	19.4	4.5	1.1	.2	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 17810

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	1.3	1.0	.5	.2	.0					4.7	9.1
NNE	.2	.8	1.7	2.0	1.0	.4	.1	.0				6.2	12.3
NE	.4	1.2	1.9	2.0	.7	.1	.0					6.3	10.7
ENE	.4	.7	1.2	1.0	.2	.0						3.5	9.3
E	.5	1.0	1.2	.6	.1	.0						3.4	7.7
ESE	.2	.8	.9	.5	.1	.1						2.5	8.4
SE	.4	1.0	1.5	.8	.3	.2						4.2	9.4
SSE	.4	1.3	2.0	1.3	.4	.2	.0					5.7	9.8
S	.8	2.3	3.5	1.9	.4	.1	.0	.0				9.0	8.8
SSW	.8	2.0	3.2	1.9	.3	.1		.0				8.2	8.7
SW	.9	2.6	3.6	1.8	.4	.1	.0	.0				9.2	8.5
WSW	.5	2.0	3.2	2.1	.6	.1	.0					8.7	9.6
W	.8	2.7	4.2	2.1	.6	.2	.0					10.5	9.1
WNW	.5	1.2	1.6	.7	.1	.1	.0	.0				4.2	8.3
NW	.5	1.3	.9	.3	.1	.0						3.2	6.7
NNW	.3	.9	.7	.3	.0	.0	.0	.0				2.3	7.5
VARBL													
CALM												8.1	
	7.9	23.0	32.7	20.3	5.9	1.8	.3	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 18380

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	1.7	1.7	1.0	.4	.0					6.3	11.6
NNE	.2	.8	1.8	2.2	.9	.4	.1	.0				6.4	12.4
NE	.4	1.1	1.5	1.4	.6	.1	.0					5.1	10.1
ENE	.3	.7	1.0	.7	.1	.1		.0				2.9	9.0
E	.5	.9	1.1	.5	.1	.1	.0					3.2	8.0
ESE	.2	.6	.8	.4	.0	.0						1.9	7.8
SE	.3	.6	1.1	.4	.1	.0						2.6	8.2
SSE	.2	.7	1.0	.4	.2	.1						2.6	9.0
S	.7	1.8	2.1	1.1	.3	.0						6.0	8.3
SSW	.5	1.7	2.6	1.4	.3	.1	.0					6.7	8.9
SW	.7	2.6	3.3	2.1	.4	.1	.0	.0				9.2	8.7
WSW	.6	2.4	4.2	3.4	1.0	.4	.1					12.1	10.4
W	.8	3.0	4.8	4.2	1.5	.8	.1	.0				15.2	10.9
WNW	.5	1.4	1.8	1.3	.4	.2	.1	.0				5.7	9.9
NW	.5	1.3	1.3	.6	.2	.0	.0					4.0	8.0
NNW	.3	1.0	1.0	.6	.2	.1	.0					3.2	8.7
VARBL													
CALM												6.7	
	7.1	21.7	31.1	22.4	7.6	2.8	.5	.0				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 17312

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	1.7	1.5	.6	.2	.1	.0				6.1	10.4
NNE	.2	.8	1.6	2.3	1.4	.5	.2	.0	.0			7.0	13.3
NE	.3	.9	1.5	1.3	.6	.2	.0	.0				4.8	10.7
ENE	.2	.6	.8	.5	.0	.0						2.2	8.3
E	.3	.7	.9	.3	.0	.0						2.2	7.4
ESE	.2	.5	.4	.2	.0	.0						1.4	7.2
SE	.3	.6	.5	.2	.0							1.5	6.6
SSE	.3	.6	.9	.3	.0							2.2	7.3
S	.5	1.2	1.3	.4	.1	.0						3.5	7.4
SSW	.4	1.3	2.1	1.3	.3	.0						5.4	8.9
SW	.5	2.1	3.1	2.4	.5	.2	.0	.0				8.8	9.5
WSW	.6	2.3	4.4	4.3	1.5	.6	.1	.0	.0			13.8	11.2
W	.8	2.9	5.7	5.4	2.1	1.0	.2	.0				18.1	11.5
WNW	.5	1.8	2.6	2.0	.6	.3	.1	.0	.0			7.9	10.2
NW	.5	1.3	1.8	.8	.1	.0	.0	.0				4.7	8.1
NNW	.4	1.1	1.4	.8	.2	.0	.0					3.9	8.6
VARBL													
CALM												6.3	
	6.4	20.5	30.6	24.0	8.1	3.3	.7	.2	.0			100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

18263

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	2.2	1.8	.7	.2						6.3	10.2
NNE	.4	.9	2.1	1.8	.6	.5						6.3	11.1
NE	.4	1.0	1.5	.5	.1	.2						3.6	8.6
ENE	.4	.4	.9	.4	.0							2.3	7.7
E	.6	.9	.6	.6								2.8	7.2
ESE	.2	.4	.7	.3								1.7	7.8
SE	.3	.4	.4									1.3	5.3
SSE	.3	.6	.7	.1	.0							1.8	6.9
S	.3	1.2	.9	.4	.1							3.0	7.3
SSW	.2	1.3	1.0	.6	.0							3.2	7.8
SW	.4	1.4	2.7	1.3	.3							6.1	8.7
WSW	.7	3.5	4.9	3.6	1.1							13.8	9.3
W	1.1	3.3	7.7	4.8	1.1	.1	.1	.0				18.2	9.6
WNW	.9	2.6	4.0	1.9	.5	.1						10.1	8.7
NW	1.2	2.2	2.4	.8	.2							6.8	7.1
NNW	.6	1.9	2.1	.9	.4	.0						6.0	8.2
VARBL													
CALM												6.5	
	8.6	23.5	34.8	20.0	5.3	1.2	.1	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2228

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KMTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	3.5	2.3	.7	.4						9.3	10.3
NNE	.2	.7	1.5	1.2	.7	.4						4.7	11.9
NE	.3	1.0	1.3	.8	.4	.0						3.9	9.4
ENE	.1	.4	.7	.4	.0							1.6	8.5
E	.4	.3	.5	.4	.0							1.7	7.2
ESE	.0	.4	.7	.1								1.3	7.5
SE	.3	.3	.6									1.2	6.4
SSE	.2	.5	.3	.0								1.0	5.7
S	.4	.7	.7	.3	.0							2.0	7.0
SSW	.2	.9	.8	.4	.0							2.3	7.8
SW	.5	1.6	2.0	1.0	.2	.1						5.4	8.4
WSW	.5	2.2	4.8	4.3	1.0	.1	.0					13.0	10.2
W	1.4	4.2	8.3	4.8	1.2	.4						20.2	9.4
WNW	.7	2.1	4.9	1.9	1.0	.1						10.8	9.5
NW	1.1	2.3	3.3	.8	.2							7.7	7.3
NNW	.5	1.6	2.3	1.2	.4	.2						5.1	9.0
VARBL													
CALM												7.8	
	7.1	21.2	36.1	20.0	5.9	1.8	.0					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23008 STATION NAME CANNON AFB NEW MEXICO/CLOVIS YEARS 43-46, 52-72 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	2.6	2.5	.8	.4	.0					8.7	10.4
NNE	.3	.7	1.5	2.0	.7	.3						5.6	11.8
NE	.2	.6	1.1	.9	.6							3.4	10.6
ENE	.1	.3	.5	.2	.1							1.3	8.5
E	.3	.4	.5	.6	.1							1.9	8.9
ESE	.1	.2	.4	.1								.8	7.3
SE	.1	.3	.5	.1								1.1	7.7
SSE	.1	.6	.5	.1								1.3	6.9
S	.5	.6	.5	.4								2.1	6.7
SSW	.4	.9	1.0	.4								2.8	7.1
SW	.4	1.3	2.4	.9	.2							3.2	8.4
WSW	.8	3.3	4.5	3.9	.8	.0						13.3	9.4
W	1.3	4.4	7.1	5.6	1.8	.5	.1					20.9	10.0
WNW	.5	3.0	4.2	1.7	.9	.1						10.3	9.0
NW	1.5	2.0	3.4	1.4	.3	.0						8.6	7.7
NNW	.3	1.3	2.2	1.2	.4	.3	.0					5.7	10.1
VARBL													
CALM												7.0	
	7.6	21.7	33.1	22.1	6.5	1.8	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2232

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	1.4	1.7	1.4	.6		.0				5.8	14.0
NNE	.3	.5	1.3	3.7	1.7	.4	.1					8.0	13.7
NE	.0	.3	1.2	2.0	.5	.2						4.3	12.5
ENE	.1	.4	.6	.7								1.8	8.7
E	.2	.4	.7	.4	.1							1.8	8.8
ESE	.1	.2	.4	.3								1.1	9.0
SE	.2	.2	.8	.3	.0							1.5	8.4
SSE	.3	.4	1.3	.4	.5	.0	.0					3.1	10.3
S	.5	.6	1.9	.7	.1	.0						3.9	8.3
SSW	.2	.9	2.3	1.5	.4	.1						5.4	10.1
SW	.4	1.3	3.2	3.6	.6	.2						9.4	10.7
WSW	.6	1.3	5.1	6.8	2.8	.7	.1	.0				17.5	12.4
W	.8	1.3	4.5	5.6	3.7	1.9	.3	.1				18.2	13.8
WNW	.3	.9	1.5	2.1	1.1	.5	.2					6.6	13.1
NW	.4	.9	2.3	.6	.1	.1						4.3	8.7
NNW	.2	.7	1.3	.8	.6	.2	.1	.0				4.0	12.0
VARBL													
CALM												3.4	
	4.8	10.6	30.0	31.1	13.9	5.0	.9	.2				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 2228

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24009
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	1.6	1.7	.9	.5	.1					6.0	12.2
NNE	.1	.4	1.6	2.8	1.1	.3						6.2	13.1
NE		.6	1.6	1.7	.5	.1						4.6	11.7
ENE	.0	.3	.9	.4	.0							1.8	9.5
E	.1	.4	.5	.3	.0	.1						1.4	9.5
ESE	.1	.2	.6	.4	.0							1.4	9.3
SE	.0	.4	.9	.6		.0						2.0	9.4
SSE	.3	.6	1.2	.4	.2	.3	.0					3.0	10.7
S	.3	1.0	2.0	1.3	.4	.1	.0					5.2	10.0
SSW	.1	.9	1.7	3.7	.9	.2						7.5	11.9
SW	.6	1.8	3.3	5.4	1.8	.3						13.2	11.5
WSW	.1	1.3	3.4	6.8	3.2	1.5	.2	.0				16.7	14.1
W	.5	1.2	3.6	5.2	3.9	2.2	.8	.2				17.6	15.2
WNW	.2	.3	1.5	1.4	.5	.9	.2					5.1	14.4
NW	.1	.5	.8	1.0	.1	.4						3.0	11.6
NNW	.1	.3	.7	.9	.4	.3	.1					2.8	13.4
VARBL													
CALM												2.5	
	3.1	11.3	25.8	34.1	14.2	7.3	1.5	.2				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 2234

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	1.8	1.3	.8	.4						6.1	10.6
NNE	.3	1.4	1.6	1.6	.6	.2						5.6	10.3
NE	.2	.7	1.4	1.7	.6	.2						4.7	11.5
ENE	.3	.6	1.0	.9	.3							3.1	9.7
E	.2	.6	.8	.4	.2	.0						2.3	9.0
ESE	.1	.3	.7	.4	.1							1.7	9.4
SE	.1	.6	1.5	.3	.2	.1						2.8	9.2
SSE	.1	.7	1.5	.6	.4	.2	.0					3.5	10.4
S	.4	1.3	2.6	1.7	.3	.0						6.2	9.4
SSW	.8	1.9	3.4	3.7	.5	.1						10.4	9.6
SW	.9	2.5	4.2	4.3	.9	.2						12.9	9.9
WSW	.4	1.7	4.2	4.7	2.5	.8	.2	.0				14.5	12.4
W	.6	1.3	2.7	4.5	2.4	1.4	.1	.1				13.1	13.6
WNW	.1	.5	1.2	1.4	.8	.4	.1					4.6	13.3
NW	.1	.5	.7	.4	.4	.0						2.2	10.4
NNW	.1	.4	.7	.5	.3	.0	.0					2.1	10.6
VARBL													
CALM												4.1	
	5.1	16.5	30.0	28.3	11.1	4.2	.5	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 2233

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.6	1.3	.9	.7	.2						6.1	8.7
NNE	.5	1.3	2.2	1.2	.4	.1	.0					5.8	9.4
NE	.6	1.5	2.2	1.1	.2	.1						5.8	8.7
ENE	.2	.8	1.0	1.1	.1							3.2	9.2
E	.3	.8	1.3	.8	.2							3.4	8.5
ESE	.0	.5	1.2	.5	.0							2.4	8.8
SE	.3	.5	1.5	.4	.2	.1						3.0	9.0
SSE	.1	1.1	1.6	.4	.0							3.3	8.1
S	.7	1.6	2.6	.4								5.3	6.8
SSW	.9	2.5	2.3	1.1	.1							6.9	7.4
SW	.9	4.4	3.4	1.8	.2	.0						10.9	7.5
WSW	.6	2.7	5.3	3.9	.9	.2						13.8	9.9
W	.7	2.9	4.4	2.8	.9	.2	.0					11.9	9.6
WNW	.6	1.0	1.1	1.1	.6	.4						4.8	10.6
NW	.4	1.1	.7	.3	.3							2.7	7.9
NNW	.4	.7	.8	.4	.1							2.4	7.9
VARBL													
CALM												8.7	
	7.7	26.0	32.9	18.1	5.2	1.3	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

2230

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.4	1.6	1.5	.7	.3	.0					7.1	9.8
NNE	.4	.9	1.5	1.2	.5	.2						4.8	10.4
NE	.4	1.3	1.9	1.5	.3							5.4	9.0
ENE	.3	.8	1.3	1.2	.3	.0						4.0	9.4
E	.4	.9	1.1	.3	.1							2.9	7.2
ESE	.1	.4	.9	.4	.0							2.0	8.6
SE	.2	.4	1.2	.1								1.9	7.8
SSE	.1	.8	1.5	.2								2.6	7.4
S	.3	1.2	1.7	.4								3.5	7.3
SSW	.5	1.0	1.4	.8	.1							3.9	8.2
SW	.7	2.5	2.1	1.5	.1	.1						7.0	8.0
WSW	.6	3.0	5.3	3.6	.7	.2	.0					13.5	9.7
W	1.4	4.6	6.3	4.9	1.0	.3	.0					18.6	9.4
WNW	.4	1.4	3.0	1.3	.6							6.7	9.2
NW	.3	2.1	1.6	.4	.3							4.7	7.5
NNW	.4	.9	.9	.4	.3	.1						2.9	8.5
VARBL													
CALM												8.5	
	7.1	24.6	33.4	19.9	5.1	1.3	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

2230

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	1.7	1.9	.7	.7						7.2	11.1
NNE	.2	.6	1.6	1.8	1.1	.6	.0					5.9	13.2
NE	.4	.9	1.7	.8	.4	.2	.1	.1				4.6	11.0
ENE	.1	.6	.7	.4	.2			.0				2.0	9.8
E	.7	1.5	1.4	.8	.1			.0				4.5	7.9
ESE	.4	.5	.7	.4								2.1	7.3
SE	.2	.8	1.0	.3								2.2	7.5
SSE	.3	.7	1.4	.8	.1	.0						3.3	8.9
S	.6	1.6	1.8	.9	.0	.0						4.9	7.7
SSW	.4	1.2	2.1	.5								4.2	7.4
SW	.5	2.8	3.0	1.3	.1	.0						7.8	7.7
WSW	.2	2.3	3.4	2.8	.6							9.4	9.5
W	1.2	4.2	6.2	4.0	.7	.5	.0					16.8	9.1
WNW	.9	1.4	2.7	2.1	.7	.1	.0					7.9	9.7
NW	.8	1.6	1.7	.7	.3	.1						5.3	8.0
NNW	.6	1.1	1.5	1.0	.5	.1						4.7	9.4
VARBL													
CALM												7.0	
	8.1	23.3	32.6	20.5	5.5	2.6	.3	.2				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2095

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2000 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72 YEARS FEB MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.8	2.1	2.7	1.1	.8	.1					8.9	11.8
NNE	.4	.8	1.4	1.4	1.1	.6	.0					5.8	12.6
NE	.3	1.2	1.3	.6	.6	.2	.0					4.3	10.3
ENE	.3	.2	.6	.5	.0							1.6	8.6
E	.8	.8	1.0	.3	.2							3.0	7.4
ESE	.3	.5	.6	.2								1.6	6.8
SE	.0	.8	.7	.3	.0							1.9	7.6
SSE	.2	.6	1.0	.4	.0							2.2	8.2
S	.5	1.0	1.5	.6								3.6	7.6
SSW	.4	1.1	1.4	.6	.0							3.5	7.6
SW	.6	1.7	2.5	1.3	.1	.0						6.3	8.1
WSW	.6	2.2	4.2	2.7	.6	.1						10.4	9.4
W	1.1	4.6	7.5	4.0	.9	.2						18.3	9.0
WNW	.5	1.1	3.0	2.5	.8	.1						7.9	10.2
NW	.4	2.1	1.4	1.6	.2							5.7	8.3
NNW	.6	1.8	2.1	1.2	.4	.3	.0					6.5	9.3
VARBL													
CALM												8.5	
	7.3	22.4	32.2	21.0	6.1	2.3	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2095

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	2.0	2.5	1.8	.4	.0					8.7	12.1
NNE	.1	.9	1.8	1.3	1.2	.8	.1					6.1	13.2
NE	.2	.8	1.7	1.7	.8	.2						5.5	11.5
ENE	.2	.7	.7	.1	.1							1.8	7.5
E	.4	.4	1.2	.4	.0							2.4	8.0
ESE	.1	.7	.8	.3	.0							1.9	7.7
SE	.4	.5	.8	.3	.1							2.1	8.0
SSE	.2	.7	.5	.2								1.6	6.6
S	.3	1.2	1.2	.7								3.4	7.5
SSW	.1	1.0	1.5	.3								3.0	7.8
SW	.4	2.0	2.5	1.2	.3	.1						6.6	8.5
WSW	.4	2.2	4.4	3.4	.7			.0				11.0	9.8
W	1.4	3.3	6.5	4.6	1.3	.3	.0					17.4	9.7
WNW	.7	2.0	2.9	2.2	.3	.2						8.2	9.3
NW	1.1	1.9	2.7	1.7	.1							7.5	7.8
NNW	.7	2.0	1.7	1.1	.1	.3	.0	.0				6.2	9.0
VARBL													
CALM												6.6	
	7.3	21.5	32.9	22.0	7.0	2.4	.2	.1				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 2090

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	1.6	2.3	1.7	.5	.1	.0				6.7	14.2
NNE	.0	.5	1.8	3.1	2.4	.9						8.7	14.5
NE	.4	.8	1.7	1.7	1.0	.5						6.1	12.0
ENE	.2	.7	.9	.7	.1	.2						2.7	10.1
E	.3	.6	1.2	.8	.0		.0					3.1	8.9
ESE		.1	.7	.7								1.5	10.4
SE	.2	.6	.9	.9	.3							2.9	9.7
SSE	.0	.7	1.0	.8	.4	.0						3.0	10.9
S	.5	.8	1.5	1.6	.1							4.5	9.0
SSW	.2	.8	2.5	2.1	.7	.1	.0					6.5	10.8
SW	.2	1.2	3.2	3.5	1.7	.5	.0	.1	.0			10.6	12.5
WSW	.3	1.2	4.1	5.0	2.4	1.0	.2	.0				14.3	12.9
W	.6	1.1	3.6	4.6	3.4	1.1	.4	.0				14.8	13.8
WNW	.0	.7	1.3	1.1	.7	.4	.1	.0				4.3	12.9
NW		.5	1.6	1.1	.5	.1						3.9	11.3
NNW		.5	.9	1.2	.5	.3	.2					3.5	13.4
VARBL													
CALM												2.8	
	3.4	11.2	28.6	31.1	15.9	5.5	1.1	.3	.0			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

2089

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2300H
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	1.7	2.1	.8	.8	.0					6.6	12.9
NNE	.2	.5	1.3	1.8	1.8	.8	.1					6.6	14.4
NE	.3	.8	1.4	1.7	.8	.3						5.3	11.9
ENE	.1	.6	1.1	1.0	.2							2.9	10.0
E		1.0	1.1	.6	.1							2.9	8.5
ESE	.1	.2	.6	.4	.1							1.5	9.3
SE	.0	.9	1.1	.7	.3	.0						3.1	9.9
SSE	.1	.8	1.4	1.2	.4	.0	.0					4.0	10.9
S	.3	1.5	2.1	1.8	.4							6.1	9.5
SSW	.3	1.1	2.1	2.7	1.2	.3	.1					7.8	11.8
SW	.6	1.0	3.4	4.5	2.2	.8	.1	.2				12.9	13.3
WSW	.3	.8	3.2	4.6	3.4	2.0	.2	.0	.0			14.6	15.0
W	.3	.5	2.5	5.0	2.2	1.7	.5	.1	.0			12.9	15.4
WNW	.2	.5	1.1	1.2	.8	.5	.2					4.6	13.7
NW	.1	.4	1.1	.7	.0	.1						2.4	10.0
NNW	.1	.6	.7	1.2	.5	.5	.2					3.8	14.2
VARBL													
CALM												2.2	
	3.3	12.1	25.8	31.2	15.5	7.8	1.6	.3	.1			100.0	12.6

TOTAL NUMBER OF OBSERVATIONS

2022

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	1.4	1.2	.9	.7	.0					4.9	13.7
NNE	.1	.7	1.3	2.6	1.0	.9	.0					6.6	13.6
NE		.7	1.4	1.6	.9	.1						4.6	12.2
ENE	.0	.4	.9	1.2	.4	.2						3.2	11.9
E	.2	.8	1.2	.9	.0	.2						3.3	9.6
ESE	.1	.4	1.0	.6	.1	.1						2.2	9.7
SE	.1	.9	1.5	1.1	.4	.1						4.2	10.3
SSE	.3	.7	2.1	1.6	.6	.0	.0					5.3	10.9
S	.4	1.4	2.7	1.6	.6	.0						6.8	9.5
SSW	.3	1.0	3.4	3.4	1.1	.3	.0					9.5	11.6
SW	.3	1.6	4.4	3.4	2.2	.5	.1	.1				12.6	12.0
WSW	.4	1.1	3.0	3.8	2.4	.9	.2	.2	.0			12.2	13.9
W	.3	.6	3.3	4.2	2.4	1.8	.2	.1				12.8	14.5
WNW	.0	.6	.8	1.1	.5	.4	.2	.0				3.7	14.2
NW	.3	.5	.9	.4	.1	.3						2.5	10.5
NNW	.2	.6	.8	1.0	.5	.2						3.3	11.4
VARBL													
CALM												2.2	
	3.4	12.4	29.9	29.7	14.1	6.8	1.0	.5	.0			100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 2089

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	.9	1.0	.6	.4	.0					4.7	10.8
NNE	.0	.6	1.8	2.0	1.3	.7	.0					6.5	13.5
NE	.2	1.4	1.8	1.6	.2	.1	.1					5.6	10.4
ENE	.2	.9	1.6	1.1	.2	.1						4.1	9.5
E	.5	2.1	1.4	1.2	.3	.1	.1					5.8	8.8
ESE	.3	.9	1.2	1.2	.1	.1						3.8	9.4
SE	.3	1.4	1.7	1.3	.4	.0						5.2	9.5
SSE	.2	1.5	2.0	1.2	.2							5.2	8.9
S	.9	2.7	2.5	1.1	.1	.0						7.3	7.4
SSW	.7	2.5	3.3	.7	.3	.0						7.5	7.5
SW	1.0	3.6	4.2	1.4	.1	.0						10.4	7.6
WSW	.4	2.1	3.5	2.8	.6	.1	.0					9.6	9.8
W	.7	1.6	3.6	2.9	1.1	.2	.0	.0	.0			10.3	10.7
WNW	.2	.5	1.1	.6	.5	.1						3.1	10.8
NW	.3	.9	.8	.5	.1							2.5	7.8
NNW	.1	.5	.4	.5	.2	.2						2.1	11.2
VARBL													
CALM												6.5	
	6.6	24.4	31.9	21.2	6.5	2.4	.4	.0	.0			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

2092

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	1.6	1.4	.7	.5						5.5	11.2
NNE	.4	1.1	1.4	1.8	1.0	.9	.1					6.7	12.7
NE	.5	1.1	1.8	1.5	.2	.2	.1					5.4	10.4
ENE	.1	.6	.8	.8	.4	.0	.0					2.8	10.8
E	.5	1.9	1.2	1.1	.2	.1	.0					5.3	8.7
ESE	.4	.9	1.6	.9	.0	.0	.0					3.9	8.7
SE	.2	1.1	1.4	.9	.2	.0						3.0	8.9
SSE	.4	1.1	2.0	1.4	.3	.1						5.3	9.5
S	.4	1.8	2.3	.7	.1							5.3	7.6
SSW	.5	1.6	2.3	.9	.1							5.3	7.8
SW	.7	3.4	3.3	1.5	.2		.0					9.2	7.8
WSW	.3	2.2	4.4	2.8	.5	.1						10.5	9.6
W	.6	2.4	4.7	3.2	1.0	.4						12.4	9.7
WNW	.4	1.1	1.8	1.0	.3	.1						4.6	9.2
NW	.3	1.3	.9	.3	.3	.1	.0	.0				3.3	9.1
NNW	.6	.8	1.1	.5	.5	.1						3.6	9.2
VARBL													
CALM												7.1	
	6.7	23.4	32.8	20.6	6.1	2.9	.5	.0				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2094

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	1.9	2.0	.9	.5	.1					7.0	11.6
NNE	.2	.8	1.6	2.0	1.2	.7	.1					6.5	13.2
NE	.1	1.1	1.6	1.0	.8	.4	.0					5.2	11.7
ENE	.4	.7	1.1	.8	.3	.1						3.4	9.8
E	.9	1.1	.9	1.1	.3							4.4	8.1
ESE	.4	.5	1.1	.4	.2	.1						2.7	9.2
SE	.6	.9	1.1	1.1	.2		.0					3.9	8.8
SSE	.9	1.0	1.8	1.3	.3	.2						5.4	8.9
S	.9	1.6	1.7	.9	.2	.1						5.3	7.8
SSW	.2	1.6	3.1	1.1	.1							6.1	8.4
SW	.3	2.4	2.3	1.5	.2	.0						6.7	8.3
WSW	.4	2.8	3.8	2.8	.6	.2	.0					10.6	9.6
W	.7	2.7	5.2	3.2	1.3	.3	.0					13.5	10.1
WNW	.2	1.2	1.4	1.3	.5	.1	.1					4.7	10.5
NW	.4	1.3	2.0	1.0	.4	.1						5.1	9.1
NNW	.1	.7	1.1	.9	.3	.2		.1		.0		3.4	11.9
VARBL													
CALM												6.0	
	7.3	21.6	31.6	22.3	7.6	3.1	.4	.1		.0		100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2317

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46.52-72 YEARS HAR NORTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	2.6	2.0	1.0	.3	.0	.0				8.7	10.1
NNE	.2	.9	1.9	2.3	1.2	.5	.1					7.1	12.6
NE	.3	.6	1.2	1.1	.8	.2						4.3	11.6
ENE	.3	.8	.8	1.1	.2							3.3	9.1
E	.4	.9	.9	.5	.4							3.0	8.8
ESE	.3	.5	.6	.2	.3	.0	.0					1.9	9.2
SE	.5	.5	1.4	.4	.0	.0						2.9	8.2
SSE	.3	.7	1.0	.7	.1							2.9	8.3
S	.5	1.2	2.3	.7	.1							4.9	7.8
SSW	.9	.9	2.2	.4	.1							4.5	7.5
SW	.7	2.2	3.2	1.7	.1							7.9	8.0
WSW	.4	2.6	3.9	2.1	.7	.2	.1					10.1	9.6
W	.8	3.4	3.4	3.3	1.0	.5						14.4	9.8
WNW	.7	1.8	2.1	1.6	.9	.3	.0	.0				7.5	10.3
NW	.7	2.0	1.7	.9	.1	.1	.0					5.5	8.0
NNW	.2	.9	1.4	.9	.4	.2			.1			4.1	11.2
VARBL													
CALM												7.2	
	8.0	21.8	32.5	20.0	7.4	2.4	.3	.1	.1			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2304

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23009
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	2.4	1.3	.8	.7	.0	.0				7.3	11.4
NNE	.1	.5	1.9	2.8	1.3	.6	.1					7.4	13.5
NE	.3	.8	1.5	1.7	.5	.1						5.0	10.7
ENE	.2	.4	.7	.8	.1							2.2	9.9
E	.2	.7	.8	.7	.1							2.5	8.4
ESE	.1	.3	.7	.3	.4	.1						1.9	11.1
SE	.3	.6	1.1	.3	.1	.2						2.6	9.1
SSE	.3	.3	1.0	.9	.1							2.6	9.9
S	.6	1.0	1.9	1.1	.2	.0						4.8	8.7
SSW	.4	1.5	2.6	.9	.3							5.6	8.2
SW	.9	1.4	2.9	1.7	.1	.0						7.0	8.6
WSW	.6	1.9	4.2	3.0	1.1	.5	.1	.0	.0			11.6	10.8
W	.7	2.6	5.5	4.7	1.4	.9	.1	.1				16.1	11.2
WNW	.6	1.5	2.7	1.6	.6	.4	.1					7.6	10.5
NW	.4	1.8	2.0	.8	.0	.0		.0				5.1	8.1
NNW	.4	.9	1.0	1.2	.6	.6	.0		.1			4.9	13.0
VARBL													
CALM												5.9	
	6.5	17.6	32.9	23.9	7.9	4.3	.6	.2	.2			100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 2309

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	.9	1.7	1.2	1.0	.3					5.9	15.1
NNE	.2	.6	1.1	2.1	1.7	.8	.1	.0				6.8	14.7
NE	.3	.3	.9	1.4	.8	.0	.0					3.7	12.3
ENE	.3	.6	.9	1.6	.3	.1						3.8	10.8
E	.2	.4	.9	1.0	.5							3.0	11.3
ESE		.3	.9	.6	.3							2.1	10.4
SE	.4	.4	.6	.9	.2	.2	.2					2.9	11.2
SSE	.3	.4	1.7	1.7	.3	.1						4.5	10.7
S	.0	.4	2.2	2.7	.7	.1						6.2	11.8
SSW	.3	.6	3.0	3.1	1.2	.4						8.5	12.1
SW	.2	.6	3.3	4.4	1.3	.5	.1	.0				10.5	12.7
WSW	.1	.6	2.8	4.8	2.5	1.6	.2	.0				12.6	14.8
W	.2	1.0	3.0	4.4	3.5	2.8	.8	.4				16.0	16.4
WNW	.2	.3	1.3	1.1	1.0	1.1	.3	.3				5.5	16.8
NW	.2	.4	.7	.8	.4	.4	.0	.1	.0			3.2	14.2
NNW		.3	.4	.6	.4	.4	.3	.0	.1			2.7	17.8
VARBL													
CALM												2.1	
	2.9	8.0	24.7	33.0	16.2	9.7	2.2	1.0	.2			100.0	13.6

TOTAL NUMBER OF OBSERVATIONS

2312

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	.9	1.1	1.3	.3	.3	.1				4.8	14.5
NNE	.1	.6	.8	1.4	1.3	.6	.2					5.0	14.9
NE	.1	.3	1.1	.9	.5	.4	.0					3.3	13.1
ENE	.1	.3	.6	.9	.2	.1						2.3	11.6
E	.3	.7	.9	.6	.4							3.0	9.4
ESE	.1	.4	1.0	1.2	.2							2.9	10.2
SE	.1	.6	1.1	.9	.2	.2						3.0	10.6
SSE		.4	.9	1.2	.5	.6	.1					3.6	14.1
S	.2	.8	2.0	3.4	1.4	.4		.0				8.3	12.7
SSW	.0	.5	1.7	4.1	2.2	.7						9.3	14.2
SW	.1	1.2	2.9	4.6	2.6	.8	.2					12.3	13.5
WSW	.1	.7	2.1	4.4	4.1	2.2	.7	.3				14.6	16.8
W	.2	.6	1.8	3.6	3.5	3.2	1.0	.4				14.3	17.9
WNW	.2	.4	1.2	1.5	1.1	.9	.6	.2				6.0	16.6
NW	.2	.5	.6	.6	.3	.2	.2	.1		.0		2.9	14.1
NNW	.1	.4	.6	1.0	.3	.4	.2	.1	.1			3.3	15.8
VARBL													
CALM												1.1	
	2.3	9.0	20.2	31.3	20.1	11.1	3.5	1.3	.1	.0		100.0	14.5

TOTAL NUMBER OF OBSERVATIONS

2311

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.8	1.7	.7	.5	.2	.1	.0			4.7	14.8
NNE	.1	.3	1.1	1.7	1.1	.4	.1	.0				5.0	14.3
NE	.2	.3	.8	1.1	.4	.3						3.1	13.0
ENE	.2	.4	.7	.9	.4	.1	.0					2.6	11.8
E	.1	.3	1.0	.7	.5	.0						2.6	11.5
ESE		.3	.6	.9	.6	.0						2.4	12.9
SE	.1	.3	1.1	.9	.5	.1						3.1	11.6
SSE		.7	1.7	1.7	.8	1.0						5.9	13.4
S	.1	1.0	1.9	3.4	1.3	.5	.0					8.4	12.8
SSW	.1	.7	2.7	4.7	2.2	.8	.3	.1				11.7	14.1
SW	.0	.7	2.9	5.0	3.1	.9	.3					12.9	14.3
WSW	.2	.3	1.7	3.7	2.9	2.3	.4	.3				11.8	16.7
W	.2	.6	1.8	3.6	3.6	2.6	.9	.2	.0	.1		13.7	17.7
WNW	.1	.1	.8	1.1	1.3	1.8	.4	.1	.0			5.9	19.1
NW	.2	.3	.7	.6	.2	.1	.2	.0				2.4	12.5
NNW	.0	.3	.5	.9	.2	.3	.1	.3	.0			2.6	16.1
VARBL													
CALM												1.2	
	1.9	7.4	20.7	32.6	19.9	11.9	3.0	1.1	.2	.1		100.0	14.7

TOTAL NUMBER OF OBSERVATIONS

2303

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46,52-72 YEARS MAR MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.9	.6	.2	.6	.3	.1				3.5	14.3
NNE	.2	.3	1.4	1.3	1.0	.4	.0	.1	.0			4.9	14.1
NE	.2	.6	1.1	1.6	.7	.6	.1					4.9	12.9
ENE	.4	1.2	1.2	.8	.5	.2						4.3	10.0
E	.6	1.1	1.2	1.3	.3	.0						4.6	9.2
ESE	.3	.7	1.4	1.5	.5	.3						4.7	11.1
SE	.4	1.3	2.3	1.8	1.0	.2	.1					6.9	10.7
SSE	.3	1.6	1.8	1.9	.6	.3	.0					6.5	10.6
S	.7	2.6	3.1	2.3	.5	.3	.0					9.5	9.4
SSW	.8	2.0	3.4	2.4	.5	.1						9.2	9.1
SW	.4	2.4	3.1	2.4	.6	.0		.0				9.0	9.5
WSW	.2	1.0	2.9	3.0	.8	.4	.2					8.6	11.7
W	.2	1.2	2.9	3.1	1.6	1.0	.0	.1				10.1	12.9
WNW	.2	.5	.9	1.8	.8	.8	.1					5.2	14.3
NW	.0	.4	.8	.9	.2	.4	.0	.1				2.9	13.2
NNW	.1	.3	.7	.4	.0	.4	.1	.0	.1	.0		2.3	14.7
VARBL													
CALM												3.0	
	5.2	18.0	29.2	27.1	10.0	5.8	1.1	.5	.1	.0		100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 2308

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72 YEARS MAR MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.7	.9	.5	.5	.4					3.6	14.8
NNE	.3	.4	1.3	1.7	1.2	.8	.1	.1				5.9	14.6
NE	.1	.9	1.6	1.5	.8	.4	.1	.0				5.5	12.2
ENE	.3	.7	1.6	.8	.3	.4	.0					4.2	10.6
E	.6	1.4	1.7	1.2	.4	.0						5.4	9.0
ESE	.4	.4	.6	1.3	.6	.2						3.4	11.7
SE	.2	.9	2.0	2.1	.5	.3						5.9	11.1
SSE	.4	1.6	1.6	1.9	.7	.2						6.5	10.4
S	.4	2.1	2.9	1.4	.3	.1						7.2	8.9
SSW	.9	1.6	2.8	1.1	.2	.1		.1				6.8	8.5
SW	1.0	2.9	2.6	1.8	.2	.2	.0	.0				8.7	8.4
WSW	.4	2.0	3.7	2.8	.7	.1	.0					9.8	9.9
W	.3	1.9	3.8	2.9	1.0	.1	.2					10.2	10.5
WNW	.2	1.0	1.3	1.3	.8	.4	.1	.0				5.2	12.2
NW	.2	.3	1.6	1.2	.4	.1	.0	.1				4.0	11.9
NNW	.2	.5	.5	.3	.4	.3		.0	.1			2.3	13.3
VARBL													
CALM												5.3	
	6.2	19.1	30.4	24.1	9.0	4.2	1.0	.5	.1			100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2309

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2300H
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	1.1	1.3	.6	.2	.0					4.6	10.8
NNE	.1	.6	1.2	2.2	.8	.5						5.5	13.1
NE	.0	.7	1.7	1.3	1.0	.3	.0					5.1	12.2
ENE	.1	.5	1.4	1.3	.6	.0						4.1	11.4
E	.4	1.3	1.6	1.0	.3	.1						4.7	8.3
ESE	.5	1.1	2.0	1.1	.2	.1						5.0	9.2
SE	.4	1.2	1.9	1.3	.3	.0						5.2	9.3
SSE	.5	1.0	2.2	1.6	.2	.1	.0					5.5	9.5
S	1.1	1.5	3.4	1.6	.2	.0						7.8	8.3
SSW	.4	1.1	2.3	1.3	.1	.1						5.3	9.1
SW	.8	2.5	2.8	.9	.3	.0						7.3	7.6
WSW	.4	1.6	3.1	2.3	.6	.1	.2					8.2	10.0
W	.4	2.5	4.2	3.4	.6	.4						11.5	10.2
WNW	.1	1.0	2.4	1.5	.5	.0						5.5	10.0
NW	.4	1.7	1.7	.9	.2	.1						5.0	8.2
NNW	.4	.9	1.0	.4	.4	.1	.0					3.2	9.5
VARBL													
CALM												6.4	
	6.4	20.2	33.9	23.4	6.9	2.4	.4					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2236

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	2.3	2.2	.7	.2	.0					6.6	10.9
NNE	.5	.9	1.7	2.1	1.2	.5						6.8	12.5
NE	.2	.8	2.1	1.8	.8	.2	.1					5.9	11.5
ENE	.2	.9	.9	1.0	.5							3.5	10.4
E	.4	.8	.9	.7	.3							3.0	8.8
ESE	.3	.8	1.4	.5	.3	.1						3.3	9.2
SE	.5	.8	1.6	.6								3.5	7.8
SSE	.5	.9	1.6	.5	.0	.1		.0				3.8	8.5
S	.8	2.1	1.6	.8	.0							5.3	6.7
SSW	.4	1.4	1.7	.6								4.1	7.6
SW	.8	2.3	3.0	.6	.1							6.8	7.0
WSW	.6	1.2	3.3	2.2	.5	.1	.0					6.1	10.0
W	.6	3.5	5.2	2.6	.9	.4	.0					13.4	9.4
WNW	.3	2.1	3.0	1.3	.5	.1	.0					7.3	9.0
NW	.4	1.4	1.8	1.3	.5	.2	.0					5.6	9.7
NNW	.3	1.0	1.2	.7	.3	.1						3.5	9.3
VARBL													
CALM												9.3	
	7.0	21.6	33.3	19.5	6.8	2.1	.3	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2234

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72 YEARS APR MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	2.0	1.4	1.0	.4	.1					5.7	12.2
NNE		.5	2.0	2.9	1.5	.8	.1					7.8	13.9
NE	.1	.4	1.1	2.4	1.2	.7	.1					6.0	14.2
ENE	.2	.8	.9	1.1	.6	.3						3.8	11.7
E	.3	.4	1.3	.8	.3							3.0	9.8
ESE	.2	.6	.9	.6	.3	.2						2.8	11.0
SE	.2	.9	1.5	.9	.4	.2						4.1	10.0
SSE	.3	.8	1.2	1.2	.3	.1	.0					3.8	10.4
S	.4	1.5	1.9	1.5	.3	.1						5.7	9.1
SSW	.2	.9	2.1	1.5	.1	.0						4.9	9.6
SW	.3	1.4	3.4	1.8	.5	.2	.0					7.8	9.6
WSW	.1	1.4	3.5	3.1	.8	.4	.0	.1				10.2	10.9
W	.4	1.7	6.0	3.9	1.0	.9						13.9	10.9
WNW	.4	1.3	2.2	2.2	.9	.4	.0	.0				7.5	11.4
NW	.4	1.3	1.4	1.1	.4	.3	.2					5.1	10.7
NNW	.3	.5	1.1	.3	.4	.1	.1					2.8	10.6
VARBL													
CALM												4.9	
	4.7	15.3	32.5	26.6	10.1	5.1	.7	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 2232

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.8	1.3	.7	.6	.1	.0				4.1	14.0
NNE	.1	.1	.9	1.7	1.3	.4	.0					4.6	14.6
NE	.1	.9	1.6	2.8	1.1	.4	.1					7.1	12.7
ENE	.1	.4	.9	1.3	.8	.1						3.6	12.5
E	.4	.4	1.3	.6	.4	.1						3.2	10.4
ESE	.0	.2	.6	1.7	.3	.2						3.0	12.8
SE		.4	1.3	1.0	.7	.4	.0					3.8	13.1
SSE	.0	.4	1.6	1.9	.7	.2	.1					5.0	12.8
S	.1	.4	2.3	2.6	.5	.1	.1					6.1	11.8
SSW	.0	.6	2.3	2.9	1.0	.3	.0					7.1	12.3
SW	.1	.9	3.1	4.1	1.7	.9	.0	.0				11.0	13.1
WSW	.1	.4	3.1	4.5	2.2	1.5	.4	.1				12.2	14.8
W	.1	.7	2.8	6.1	3.6	1.8	.5	.2				15.8	15.4
WNW		.4	.9	2.1	1.3	1.0	.4					6.0	16.1
NW		.3	1.4	.5	.0	.2	.1					2.6	11.6
NNW		.1	.5	.3	.1	.5	.1					1.6	15.4
VARBL													
CALM												3.2	
	1.4	7.2	25.6	35.2	16.5	8.6	2.0	.4				100.0	13.2

TOTAL NUMBER OF OBSERVATIONS

2233

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.6	.6	.5	.6	.1	.1				3.0	15.0
NNE	.1	.3	.9	.9	.2	.2						2.6	12.1
NE	.2	.5	1.2	1.4	.7	.1	.1					4.3	12.0
ENE	.1	.4	1.1	1.7	.3							3.6	11.5
E	.3	.7	1.2	.9	.4	.0						3.5	9.7
ESE	.1	.2	.7	1.3	.4	.1						2.8	12.1
SE	.1	.6	1.7	1.3	.9	.3	.0					5.0	12.3
SSE	.2	.2	1.4	1.7	1.1	.4	.1					5.2	13.8
S		.9	2.1	2.6	1.4	.3	.0					7.2	12.5
SSW	.0	.5	2.7	3.2	1.1	1.3	.3	.1				10.0	14.2
SW	.3	1.2	3.1	5.7	2.1	1.3	.4	.0				14.1	13.7
WSW	.1	.6	2.6	5.2	2.3	2.2	.4	.2				13.7	15.8
W	.2	.6	2.3	4.4	3.3	2.6	.7		.0			14.1	16.3
WNW	.2	.1	.8	1.1	.9	.6	.3	.1				4.1	16.6
NW	.2	.3	.5	.4	.1	.4	.0					2.0	12.8
NNW	.0	.4	.5	.4	.5	.3	.1					2.4	14.0
VARBL													
CALM												2.4	
	2.3	7.9	23.4	33.6	16.2	10.9	2.6	.6	.0			100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.5	.7	.8	.4	.1	.0				3.0	14.5
NNE	.1	.1	.6	.6	.4	.3	.0					2.2	13.7
NE	.2	.4	.9	.9	.5	.4	.1	.0				3.5	13.7
ENE	.0	.5	.9	1.3	.4	.1						3.4	11.5
E	.1	.5	1.5	1.2	.5	.2						4.0	11.2
ESE	.0	.3	.9	1.1	.8	.3	.0					3.5	13.7
SE	.2	.4	1.1	2.4	1.0	.4	.1					5.8	13.6
SSE	.3	.4	.9	1.9	1.5	.6	.1					5.7	14.3
S	.0	.8	2.1	2.8	1.6	.6	.1					7.9	13.3
SSW	.2	.2	2.9	5.1	2.5	1.3	.6	.1				12.9	15.4
SW	.2	.9	3.1	4.3	2.3	1.5	.1	.0				12.4	14.1
WSW	.1	.4	2.1	3.9	2.4	2.0	1.0	.2				12.0	16.9
W	.1	.8	2.8	4.4	3.0	2.2	.3	.0				13.7	15.5
WNW		.2	.7	1.6	.7	.9	.3	.0				4.4	17.0
NW	.1	.3	.4	.8	.4	.1	.1					2.2	13.1
NNW		.3	.2	.6	.5	.2	.0		.0			1.9	15.1
VARBL													
CALM												1.5	
	1.8	6.9	21.6	33.5	19.2	11.7	3.1	.5	.0			100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 2227

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46,52-72 APR
STATION STATION NAME YEARS MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	1.0	.6	.3	.3	.1					3.1	12.3
NNE	.1	.4	.8	.6	.6	.4	.2	.0				3.1	14.8
NE	.1	.7	.8	1.0	.4	.3	.3	.0				3.6	13.7
NNE	.1	.3	1.0	1.3	.5	.2	.0					3.6	12.3
E	.4	1.8	2.4	1.6	.8	.2	.0					7.2	10.0
ESE	.2	.7	1.6	1.3	.7	.5	.0					5.1	12.9
SE	.4	1.3	2.0	2.6	1.0	.4	.1					7.7	11.5
SSE	.3	1.0	2.2	2.0	1.0	.3	.0					7.0	11.5
S	.5	2.2	3.5	3.2	.9	.2						10.5	10.2
SSW	.4	2.1	2.9	3.0	1.0	.3	.1					9.8	10.7
SW	.4	2.0	3.1	2.7	.7	.1	.0					9.1	10.0
WSW	.3	1.3	2.9	1.8	1.4	.5	.0					8.4	11.8
W	.2	1.3	3.3	2.4	.9	.6	.1	.0				8.9	11.9
WNW	.1	.8	1.3	1.2	.5	.2	.2	.1				4.4	12.5
NW	.2	.4	.9	1.0	.3	.3	.1					3.3	12.0
NNW	.3	.4	.7	.6	.1	.1						2.2	9.6
VARBL													
CALM												3.0	
	4.5	17.0	30.5	27.1	11.2	5.0	1.6	.2				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 2228

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23000 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46.52-72 APR MONTH
2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	15 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	1.6	.3	.4	.2	.0					4.6	9.8
NNE	.0	.4	.9	1.4	1.0	.6	.1					4.4	14.8
NE	.1	.7	.8	1.3	.4	.4	.2					3.9	12.8
ENE	.1	.6	1.4	.7	.6	.1						3.5	10.7
E	.5	1.6	2.1	2.2	.5	.1						7.2	9.8
ESE	.4	1.1	1.7	1.8	.5	.4						5.9	10.9
SE	.4	1.0	3.0	2.2	.8	.4						7.8	10.7
SSE	.2	1.2	1.9	2.1	.7	.3						6.3	11.0
S	.9	1.3	2.2	3.4	.9	.1						8.8	10.4
SSW	.8	1.5	2.8	1.3	.2	.1	.1					6.8	8.7
SW	.5	2.8	3.2	1.9	.1	.1	.0					8.7	8.5
WSW	.3	1.8	2.7	1.8	.6	.1						7.3	9.7
W	.3	1.2	3.8	2.3	.8	.5	.0					9.0	10.9
WNW	.4	1.0	1.5	1.1	.3	.2	.1					4.5	16.0
NW	.7	1.1	1.2	.7	.3	.2						4.3	8.8
NNW	.2	.4	.7	.5	.2	.1	.0					2.3	10.7
VARBL													
CALM												4.9	
	6.4	18.7	31.5	25.5	8.3	4.0	.7					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 2233

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	1.7	.6	.3	.3	.0					4.3	9.8
NNE	.1	.9	.7	1.7	.9	.6	.2					5.1	13.8
NE	.2	1.0	1.2	1.3	.5	.3						4.5	11.0
ENE	.3	1.0	1.1	.8	.1	.2						3.5	8.9
E	.7	1.0	2.0	1.1	.2	.2						5.2	8.6
ESE	.3	.9	1.8	1.2	.5	.3						4.9	10.6
SE	.6	1.6	3.4	1.6	.4	.2	.0					7.7	9.3
SSE	.6	1.7	3.0	2.2	.8	.4	.1					8.7	10.4
S	.7	2.6	4.1	2.8	.3	.1						10.6	8.9
SSW	.6	1.9	1.9	1.5	.2	.1						6.2	8.4
SW	1.0	2.8	2.6	1.2		.0						7.6	7.3
WSW	.4	1.4	1.9	1.1		.0						4.8	8.2
W	.5	1.8	4.4	1.1	.3	.0						8.2	8.6
WNW	.1	1.0	1.5	.6	.2	.2	.0					3.7	9.7
NW	.5	.9	1.1	.8	.1							3.4	8.1
NNW	.3	.5	.8	.9	.1							2.6	9.2
VARBL													
CALM												9.0	
	7.4	21.8	33.2	20.4	5.0	2.9	.4					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2312

DATA PROCESSING BRANCH
ETAC/USAF

SURFACE WINDS

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	1.9	1.2	.3	.1						5.7	8.6
NNE	.3	.8	1.6	1.9	1.0	.3	.1					6.1	12.0
NE	.1	.8	1.3	1.4	.6	.6	.1					5.0	12.8
ENE	.3	.6	.9	.6	.2		.0					2.7	9.0
E	.6	1.6	1.3	.5	.1							4.2	7.0
ESE	.3	.4	1.7	.6	.2							3.2	9.0
SE	.6	1.9	2.7	1.0	.0							6.2	7.8
SSE	.8	1.4	1.8	1.2	.3	.0	.1					5.7	8.8
S	.7	2.4	2.6	.8		.1						6.6	7.4
SSW	.4	1.6	2.6	.3	.2	.1						5.1	7.8
SW	1.3	3.3	2.6	.6								7.8	6.2
WSW	.4	1.7	2.2	1.0	.2							5.6	8.3
W	.5	2.9	4.7	2.3	.2							10.6	8.6
WNW	.9	1.6	1.5	.9	.0	.3						5.2	8.4
NW	.4	1.6	1.9	.6	.3	.1						4.8	8.3
NNW	.4	1.0	.6	1.1	.3	.0						3.5	9.3
VARBL													
CALM												11.9	
	8.6	25.3	31.9	16.3	4.1	1.6	.3					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2312

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	1.4	1.2	.7	.5	.0	.0				4.6	12.9
NNE	.2	.3	2.0	2.6	1.1	.3						6.5	12.6
NE	.1	.4	1.9	2.4	.7	.5	.0					6.0	12.9
ENE		.1	.6	.8	.1	.2						2.2	11.8
E	.3	.9	.9	.6	.2							2.9	8.8
ESE	.1	.4	1.0	.8	.3							2.6	10.2
SE	.2	1.2	1.7	1.5	.3	.2						5.1	10.2
SSE	.2	.9	2.1	1.3	.7	.2	.1					5.5	11.0
S	.6	1.6	4.1	2.5	.4	.2						9.4	9.5
SSW	.4	1.9	3.5	2.1	.3	.0						8.2	9.0
SW	.8	2.2	3.9	1.6	.1	.1	.0					8.1	8.3
WSW	.3	1.3	2.9	2.9		.1						7.4	9.9
W	.5	2.6	4.7	3.0	1.3	.4						12.6	10.2
WNW	.2	.9	1.3	2.0	.6	.5	.0	.1				5.6	12.6
NW	.1	1.0	1.6	.7	.2	.2						3.7	9.6
NNW	.2	.5	.7	.8	.3	.1						2.8	10.4
VARBL													
CALM												6.8	
	4.3	17.1	33.6	26.8	7.4	3.5	.3	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 2309

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2300H
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	1.0	1.2	.3	.2	.0					3.8	10.7
NNE	.1	.6	1.8	1.6	.5	.6	.0					5.2	12.7
NE	.3	.6	1.7	2.2	.6	.4	.0					5.9	12.0
ENE	.2	.3	1.3	1.2	.4	.1						3.5	11.0
E	.1	.3	.9	1.0	.1	.0	.0					2.6	10.9
ESE	.0	.3	.7	.6	.2	.0						2.0	10.5
SE	.0	.3	1.8	1.3	.5							3.9	11.4
SSE	.1	1.1	2.2	2.5	1.0	.2						7.1	11.6
S	.3	.9	3.5	3.9	1.1	.3	.0					10.1	11.7
SSW	.3	1.1	4.4	3.6	.7	.1						10.4	10.7
SW	.4	1.5	3.5	3.9	.6	.4	.0					10.4	10.8
WSW	.2	.7	2.6	3.2	1.6	.6		.0				9.0	12.7
W	.2	.8	2.9	4.6	1.6	1.2	.1					11.4	13.5
WNW	.1	.3	1.1	2.3	1.5	.6	.1					6.0	14.4
NW	.3	.3	1.1	1.1	.3	.1						3.2	10.7
NNW	.1	.4	.8	1.0	.3	.0						2.6	11.1
VARBL													
CALM												3.0	
	2.9	10.6	31.3	35.4	11.3	5.0	.4	.0				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

2308

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.9	.7	.3	.1						2.8	10.5
NNE	.0	.6	.3	1.5	.6	.2						3.2	13.0
NE	.2	.9	1.1	1.3	.5	.3	.1					4.4	11.7
ENE	.0	.4	.9	.8	.4	.1						2.6	11.2
E	.3	.9	1.3	.8	.1			.0				3.5	9.1
ESE	.2	.5	.9	.9	.2	.1						2.9	10.5
SE	.2	1.0	1.3	1.9	.6	.2	.1	.1				5.3	11.8
SSE	.2	.9	2.3	3.4	1.7	.6						9.2	12.9
S	.1	1.2	4.6	4.5	1.8	.5	.2					12.9	12.2
SSW	.1	1.0	3.5	4.2	1.5	.5	.1	.0				11.0	12.5
SW	.3	1.1	3.8	5.0	2.4	1.0	.3	.0				13.9	13.4
WSW	.1	.5	2.2	3.8	2.8	.7	.1	.0				10.3	14.3
W	.0	.5	1.8	3.1	1.7	.9						8.0	14.3
WNW	.2	.3	.6	1.1	.4	.3	.1					3.0	13.7
NW	.2	.9	.6	.5	.2	.0						2.4	9.1
NNW	.1	.5	.6	.6	.3	.1						2.2	11.0
VARBL													
CALM												2.5	
	2.3	11.8	26.9	34.0	15.6	5.7	1.0	.3				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 2312

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

2300H
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.8	.5	.5	.2	.0					2.3	12.0
NNE		.4	.7	1.0	.5	.5	.1					3.2	13.7
NE	.1	.7	1.1	1.2	.5	.6	.1					4.2	12.9
ENE	.0	.4	.7	1.4	.5	.1						3.1	12.4
E	.1	.5	1.1	1.0	.2	.1						3.1	10.4
ESE	.0	.5	.8	1.0	.6	.4	.1					2.5	13.5
SE	.1	.7	1.7	2.1	.7	.4		.0	.0	.0		5.9	12.8
SSE	.1	.8	2.5	3.0	1.8	1.1	.3	.0				9.7	14.0
S	.3	1.2	3.9	4.4	2.7	.5	.1	.0				13.2	12.8
SSW	.1	1.1	3.4	4.3	3.0	1.1	.2	.0				13.2	13.8
SW	.2	1.3	3.4	4.6	2.4	1.0	.3					13.2	13.5
WSW		.8	2.5	3.3	1.8	.5	.3	.0				9.4	13.9
W	.0	.5	2.0	2.7	2.3	.8	.2	.1				8.7	14.9
WNW	.1	.4	.5	.5	.4	.5	.1					2.6	14.3
NW	.0	.2	.3	.4	.2	.1						1.4	12.8
NNW	.1	.2	.5	.3	.1	.1	.0					1.4	11.9
VARBL													
CALM												2.0	
	1.6	10.0	26.0	31.8	18.2	8.1	1.8	.3	.0	.0		100.0	13.2

TOTAL NUMBER OF OBSERVATIONS

2307

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.4	.6	.3	.3	.0					2.1	13.7
NNE	.0	.4	.8	1.3	.7	.5	.1					3.9	14.4
NE	.1	1.0	1.3	1.6	.5	.5	.1					5.1	12.1
ENE	.2	.7	1.2	1.4	.4	.1	.0					4.1	10.9
E	.3	1.2	1.9	1.7	.6	.2	.0					6.0	10.4
ESE	.3	1.2	1.7	1.8	.5	.2	.1					5.7	10.9
SE	.3	1.2	1.8	2.9	1.0	.9	.1	.1		.0		8.4	13.4
SSE	.4	2.0	3.5	3.0	1.7	1.0	.2	.0				11.8	12.3
S	.4	2.2	3.6	3.9	.7	.3	.1	.0	.0			11.3	10.7
SSW	.5	2.0	3.2	2.7	.9	.3	.0					9.6	10.4
SW	.3	1.8	2.3	1.9	.8	.3						7.4	10.4
WSW	.1	1.0	2.5	2.2	.7	.1	.0					6.7	10.9
W	.2	1.3	2.4	2.3	1.0	.1						7.2	10.9
WNW	.1	.5	.8	.7	.4	.2	.0					2.7	12.1
NW	.1	.5	.8	.7	.4	.3	.0					2.9	12.0
NNW	.0	.2	.4	.5	.3	.1		.0				1.6	12.5
VARBL													
CALM												3.5	
	3.5	17.7	28.5	29.3	11.1	5.1	1.0	.2	.0	.0		100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 2315

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIP	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.3	.8	1.0	.6	.1	.0					3.2	11.6
NNE	.0	.3	1.2	1.6	.8	.5	.1					4.5	14.1
NE	.3	.8	1.5	1.7	.5	.6						5.3	11.9
ENE	.3	1.0	1.5	1.7	.3	.0						4.7	10.0
E	.5	1.8	2.1	1.7	.8	.3						7.2	10.3
ESE	.6	1.0	2.2	1.5	.8	.1						6.2	10.2
SE	.4	1.2	3.0	3.8	1.0	.4	.1	.0				9.9	11.7
SSE	.5	1.9	3.6	4.4	1.2	.8						12.3	11.4
S	.7	2.0	3.9	2.7	.9	.1						10.4	9.8
SSW	.4	1.7	1.9	.7	.3	.0	.0					5.1	8.4
SW	.8	1.8	2.7	.7	.4	.0	.0					6.5	8.2
WSW	.2	1.1	1.9	.9	.3	.0						4.4	9.2
W	.2	1.4	2.5	1.5	.2	.1						5.9	9.3
WNW	.1	.4	.9	.6	.4	.0	.1					2.7	11.7
NW	.0	.7	1.3	.6	.2							2.9	9.5
NNW		.4	.8	.4	.3							2.0	10.2
VARBL													
CALM												6.8	
	5.5	17.7	31.7	25.8	8.9	3.3	.5	.0				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 2309

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23009
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	1.2	.6	.1							2.7	8.9
NNE	.3	.6	1.0	.7	.5	.2						3.4	11.1
NE	.1	.8	1.4	.6	.4	.2	.0					3.4	10.6
ENE	.3	1.0	1.1	.8	.2	.1	.0					3.5	9.3
E	.7	1.5	2.6	1.2	.2	.1						6.3	8.4
ESE	.5	.8	1.5	1.0	.2	.0	.0					4.1	8.9
SE	.8	1.3	2.7	2.2	.4	.2						7.6	9.5
SSE	.5	1.9	5.1	3.4	1.5	.5	.1		.0			13.0	11.0
S	.9	3.0	7.3	4.1	1.4	.5						17.0	10.0
SSW	.5	1.9	3.7	2.7	.5	.1						9.4	9.6
SW	.3	2.2	2.1	1.1	.3		.0					6.1	8.3
WSW	.3	1.7	1.6	.8	.1							4.4	7.7
W	.4	1.5	1.1	.6	.0							3.7	7.4
WNW	.1	.5	.9	.5	.0							2.1	8.7
NW	.3	1.0	.8	.7	.0							2.7	8.1
NNW	.3	.7	.7	.4	.0							2.1	7.7
VARBL													
CALM												8.4	
	6.3	21.0	34.7	21.5	5.8	2.0	.3		.0			100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2203

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	1.0	.6	.2	.0						3.5	8.1
NNE	.2	.5	1.3	.9	.7	.4						4.0	12.1
NE	.4	.8	1.5	.9	.4	.2						4.1	9.8
ENE	.6	.9	1.0	.6	.0							3.1	7.6
E	.9	1.9	1.8	.6	.2							5.5	7.1
ESE	.5	1.2	1.6	.4	.2	.1						4.0	7.7
SE	.6	1.8	2.0	.8	.3							5.4	8.1
SSE	.2	2.0	2.9	1.5	.1							6.8	8.7
S	1.0	3.4	3.0	2.5	.5							12.2	8.5
SSW	.8	3.4	4.6	1.8	.1							10.7	7.9
SW	1.1	3.3	2.9	.6	.0							7.9	6.6
WSW	.4	2.4	2.1	.3	.0							5.2	6.9
W	.6	2.0	2.6	1.0	.1							6.3	7.6
WNW	.3	1.0	.8	.7	.0							2.9	8.0
NW	.4	1.0	1.0	.1		.0						2.5	6.7
NNW	.4	1.5	1.3	.5								3.6	6.9
VARBL													
CALM												12.3	
	9.0	27.9	33.4	13.7	3.0	.8						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2200

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.0	1.1	.4	.2						3.6	10.8
NNE	.0	.5	1.4	1.5	.8	.5	.0					4.8	13.0
NE	.1	.5	1.5	1.4	.6	.3						4.4	12.0
ENE	.2	.3	1.0	1.0	.2	.0						2.8	10.7
E	.3	.6	.8	.9	.4	.1						3.2	10.3
ESE	.1	1.0	1.2	.5	.2	.2						3.2	9.5
SE	.3	1.0	1.2	1.0	.3	.0						3.8	9.2
SSE	.5	.8	3.2	1.9	.5	.1						7.0	10.2
S	.5	2.1	5.4	3.9	1.3							13.3	10.1
SSW	.5	1.9	5.6	4.1	.4	.1						12.7	9.8
SW	.3	2.0	5.5	3.7	.6							12.2	9.9
WSW	.3	1.9	3.1	1.9	.3	.0	.0					7.5	9.1
W	.4	1.5	3.6	1.8	.3	.0						7.6	9.1
WNW	.3	.8	1.0	.6	.3							3.0	9.4
NW	.2	.8	1.0	.4	.1							2.5	8.1
NNW	.1	.4	.8	.4	.1	.1	.0					2.0	10.4
VAKBL													
CALM												6.4	
	4.5	16.9	37.3	26.1	6.8	1.9	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 2203

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HCURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.4	1.0	.9	.2	.4						3.0	11.3
NNE	.0	.3	1.1	1.4	.5	.2	.0					3.5	12.5
NE	.1	.9	1.1	1.2	.8	.3						4.4	12.0
ENE		.4	.5	1.0	.2	.0						2.0	11.1
E	.3	.8	1.7	1.1	.4	.0						4.3	9.8
ESE	.1	.5	.8	1.0	.3	.1						2.9	10.9
SE	.1	.7	1.0	1.2	.3	.1						3.4	10.5
SSE	.2	.9	2.0	3.1	1.1	.0						7.4	11.6
S	.3	2.1	5.5	5.4	1.0	.3						14.7	10.9
SSW	.2	1.7	5.2	7.0	1.6	.0	.0					15.8	11.4
SW	.5	1.3	4.7	4.8	1.0	.1						12.5	10.8
WSW	.1	1.0	3.7	3.6	.4	.1	.1					9.2	11.1
W	.5	1.0	3.1	3.0	.4	.2	.1					8.2	10.7
WNW	.0	.3	1.2	.6	.1							2.4	9.9
NW	.4	.5	.9	.4	.1							2.2	7.8
NNW	.2	.3	.5	.5	.1							1.6	9.7
VARBL													
CALM												2.5	
	3.4	13.2	33.8	36.5	8.4	2.0	.3					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

2202

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 32	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.6	.7	.0	.2						2.0	11.0
NNE	.1	.3	.5	.6	.5	.0						2.1	12.1
NE	.1	.5	1.0	1.3	.3	.1						3.2	11.4
ENE	.2	.4	1.1	1.1	.2	.0						3.0	10.5
E	.1	.7	1.8	.9	.4							3.9	9.8
ESE	.0	.4	1.4	1.3	.4	.1						3.6	11.4
SE	.2	.8	1.6	2.0	.7	.2						5.5	11.2
SSE	.2	1.2	2.9	4.8	2.0	.4	.0					11.6	12.6
S	.5	1.9	6.7	8.3	2.6	.4						20.4	11.8
SSW	.1	1.4	3.3	5.2	2.0	.6	.0					12.6	12.3
SW	.4	1.4	4.0	4.4	1.5	.6						12.3	11.9
WSW	.0	.7	2.4	3.4	1.0	.2	.1					7.8	12.4
W	.2	.9	2.2	2.7	.5	.0	.0	.1				6.7	11.2
WNW	.0	.2	.2	.5	.2							1.1	11.3
NW	.1	.3	.5	.2	.0	.1	.0					1.2	10.2
NNW	.1	.1	.3	.1	.2							.8	11.2
VARBL													
CALM												2.1	
	2.6	11.4	30.4	37.5	12.6	3.0	.3	.1				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 2198

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPED
N	.0	.2	.4	.5	.3	.2						1.6	13.5
NNE		.2	.6	.5	.1		.0					1.5	11.4
NE	.2	.5	.6	.9	.1							2.3	9.3
ENE	.0	.4	1.0	1.8	.2	.1	.1					3.7	11.8
E		.6	1.5	1.3	.3	.1	.0					3.9	11.3
ESE	.0	.6	1.5	2.0	.6	.2	.1					5.2	12.3
SE	.3	.9	2.5	2.3	1.3	.4	.2					8.0	12.4
SSE	.1	.6	2.8	5.2	3.5	1.5	.2					13.9	14.8
S	.2	1.2	5.0	7.8	3.3	1.1	.1					18.8	13.2
SSW	.2	.5	3.5	5.7	2.8	1.3						14.0	14.0
SW	.3	1.0	3.1	4.5	1.4	.2	.0	.0	.0			10.7	12.4
WSW	.1	.3	1.9	2.1	1.2	.1	.1					5.9	12.9
W	.1	.7	1.2	1.6	.5	.5	.1	.0				4.8	13.0
WNW		.2	.4	.5	.2	.1	.0					1.5	12.9
NW		.3	.4	.2	.3	.0						1.3	11.8
NNW	.0	.1	.4	.2	.2	.0	.1					1.1	13.1
VARBL													
CALM												1.9	
	1.7	8.4	26.9	37.4	16.3	6.0	1.2	.1	.0			100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

2204

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23008 STATION NAME CANNON AFB NEW MEXICO/CLOVIS YEARS 43-46, 52-72 MONTH JUN
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.5	.6	.5	.1						2.2	12.2
NNE	.1	.2	.4	1.0	.1	.1	.0					1.9	12.0
NE	.1	.7	.8	.7	.2	.1	.0	.0				2.8	10.6
ENE	.0	.5	1.0	1.5	.4	.1						3.5	11.7
E	.2	1.0	2.5	2.2	.7	.5	.1					7.2	11.8
ESE	.2	.7	2.0	1.8	1.1	.3	.0	.0				6.2	12.5
SE	.0	1.2	2.9	3.7	1.8	.6	.1					10.3	12.6
SSE	.4	1.6	3.7	5.2	3.4	1.5	.2	.0				16.0	13.6
S	.9	2.7	5.6	6.5	2.9	.5	.1					19.2	11.5
SSW	.4	1.4	2.8	3.3	1.1	.6	.0	.1				9.7	12.0
SW	.4	.8	2.4	1.8	.6	.2						6.2	10.7
WSW	.2	.7	1.5	1.5	.2	.1						4.4	10.2
W	.1	.9	1.3	.8	.4	.1						3.5	9.8
WNW	.0	.3	.5	.5	.1	.0	.0	.0				1.5	11.9
NW	.2	.3	.4	.3	.4	.1	.1	.0		.0		1.9	14.0
NNW	.1	.1	.2	.3	.1	.1	.1					1.0	13.1
VARBL													
CALM												2.6	
	3.5	13.4	28.4	31.5	14.0	5.1	1.0	.3		.0		100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 2203

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	.7	.5	.3	.1						2.9	9.7
NNE	.1	.6	.9	.8	.3	.1						2.9	10.6
NE	.2	.9	1.0	1.0	.4	.3	.0					3.8	11.3
ENE	.2	.7	1.0	1.0	.4	.2						3.5	10.6
E	.6	1.8	1.9	2.4	.5	.1						7.3	9.7
ESE	.5	1.2	2.6	1.6	.8	.4	.1					7.1	10.9
SE	.4	1.1	4.4	3.3	1.4	.9	.1	.1				11.7	12.4
SSE	.4	2.6	4.4	5.7	2.6	1.0	.5					17.1	12.6
S	.9	2.0	4.9	5.4	2.3	.7	.3	.0				16.5	11.7
SSW	.8	1.1	1.7	1.7	.6	.1						6.0	9.8
SW	.7	1.7	2.0	1.3	.2		.0					6.1	8.4
WSW	.1	1.0	1.2	.7	.0	.0						3.1	8.5
W	.1	.9	.9	.6	.1	.0						2.6	8.9
WNW	.3	.3	.6	.2	.1	.0						1.5	8.9
NW	.3	.4	.8	.5	.1							2.1	8.9
NNW	.4	.5	.4	.3	.1	.1	.0					1.9	9.0
VARBL													
CALM												4.2	
	6.2	17.6	29.4	27.0	10.3	4.1	1.1	.1				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 2206

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	.9	.7	.1	.1	.0					3.9	8.2
NNE	.3	.8	.7	1.0	.0							2.8	8.8
NE	.4	1.0	.9	.7	.3							3.3	8.5
ENE	.4	.6	1.2	.8	.2							3.3	8.6
E	.8	1.4	2.1	.4	.2							5.0	7.2
ESE	1.1	1.2	1.2	.8	.2							4.5	7.4
SE	.8	2.3	2.4	1.2	.2	.1						7.0	8.2
SSE	1.4	3.0	4.9	1.7	.4	.0						11.5	7.8
S	2.0	4.7	5.4	2.8	.4	.1						15.4	7.9
SSW	2.0	3.4	3.7	1.6	.1							10.9	7.0
SW	1.4	2.3	2.0	.8	.0							6.5	6.4
WSW	.4	1.5	1.2	.2	.1							3.4	6.6
W	.3	.9	1.0	.3	.0							2.5	6.8
WNW	.2	.5	.7	.2	.1							1.8	7.9
NW	.3	.9	.8	.4	.2							2.5	7.9
NNW	.3	.8	.5	.4	.2	.0						2.1	8.7
VARBL													
CALM												13.5	
	12.9	26.8	29.5	14.1	2.8	.4	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2247

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.0	1.9	.7								5.2	7.1
NNE	.4	.9	1.3	.6	.2							3.3	8.3
NE	.5	1.1	1.4	.9	.2	.0						4.2	8.5
ENE	.4	.5	1.1	.4	.0							2.5	7.9
E	.5	1.5	1.3	.6	.2	.0						4.1	7.7
ESE	.1	1.0	1.4	.1	.0							2.7	7.4
SE	.5	1.5	2.1	.5	.0	.1						4.7	7.7
SSE	.6	2.2	2.7	.8								6.2	7.2
S	1.9	4.7	4.1	1.2								11.8	6.5
SSW	1.3	3.0	3.8	1.2								9.4	7.0
SW	2.2	4.1	2.1	.3								8.6	5.5
WSW	.8	2.5	1.7	.2								5.2	5.9
W	.9	2.4	2.0	.4								5.0	6.2
WNW	.6	.6	.9	.1								2.2	6.4
NW	.6	1.4	1.4	.4								3.8	6.7
NNW	.3	.8	1.3	.1								2.5	6.8
VARBL													
CALM												17.7	
	12.1	30.2	30.4	8.6	.8	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2224

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.4	1.2	.5	.1	.0						3.6	7.7
NNE	.3	.7	1.5	1.3	.1							3.9	9.5
NE	.2	.6	1.2	1.1	.4							3.6	10.1
ENE	.3	.6	.9	.9	.1							2.8	9.0
E	.4	1.5	1.1	.4	.1							3.4	7.4
ESE	.4	.8	1.3	.4	.0	.0						3.0	7.8
SE	.4	1.4	1.5	1.0	.2			.0				4.6	8.6
SSE	1.0	1.7	2.5	1.5	.2							6.9	8.1
S	1.5	3.3	5.4	3.0	.4							13.6	8.3
SSW	.8	2.6	6.0	3.3	.4							13.1	8.9
SW	1.6	3.3	5.5	2.6	.2							13.2	8.0
WSW	.7	2.2	3.5	1.0								7.5	7.6
W	.6	1.9	2.8	.4								5.6	7.1
WNW	.1	.6	1.1	.2								2.1	7.7
NW	.3	.9	1.2	.3								2.7	7.1
NNW	.5	.4	.6	.4	.0	.1						2.1	8.0
VARBL													
CALM												8.4	
	9.3	24.2	37.3	18.2	2.4	.2		.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2276

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.8	.6	.1	.1						2.2	9.8
NNE	.0	.5	1.1	1.2	.3							3.1	11.0
NE	.2	.6	1.3	1.4	.4							3.8	10.7
ENE	.1	.6	1.0	.8	.1							2.6	9.4
E	.0	.6	1.4	.9	.1							3.0	9.8
ESE		.8	1.1	.4	.2	.1	.0					2.7	9.5
SE	.2	1.4	1.8	1.0	.3							4.6	8.9
SSE	.5	1.6	3.3	2.9	.5	.0						8.0	9.9
S	1.0	3.2	8.9	6.2	.8	.1						20.3	9.7
SSW	.5	2.6	8.2	5.8	.9							18.1	10.0
SW	.7	2.7	6.5	3.1	.2							13.3	8.8
WSW	.5	1.3	3.3	1.5	.1							6.7	8.7
W	.3	1.1	1.5	.4	.0	.0						3.4	7.5
WNW	.2	.5	.5	.2	.0							1.5	7.3
NW	.1	.4	.5	.1	.1							1.1	7.5
NNW	.1	.3	.5	.2								1.1	7.8
VARBL													
CALM												3.5	
	4.7	18.6	41.8	26.7	4.3	.4	.0					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2270

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.4	.9	.2	.1							1.7	8.9
NNE		.5	.7	.4	.1	.1	.0					1.8	10.2
NE	.2	.5	1.1	1.2	.2	.0						3.2	10.1
ENE	.1	.4	1.7	1.0	.3	.0						3.5	10.1
E	.1	1.1	2.2	1.3	.1							4.8	9.1
ESE	.1	.7	2.0	1.1	.2							4.1	9.2
SE	.4	1.6	3.7	3.0	.7	.3						9.8	10.4
SSE	.4	1.7	5.6	6.0	1.2	.1						15.1	10.9
S	.5	3.7	10.6	7.9	2.0	.2	.0					25.0	10.5
SSW	.4	1.7	5.0	4.7	.7	.1						12.4	10.5
SW	.4	1.6	3.1	2.5	.4	.0						8.0	9.6
WSW		.8	1.6	.9	.1							3.5	9.2
W	.0	.6	.6	.4	.1	.0						1.8	9.0
WNW	.1	.3	.3	.2								.9	8.0
NW	.1	.2	.3	.2								.8	7.7
NNW	.1	.1	.2	.0								.5	6.6
VARBL													
CALM												3.0	
	3.2	16.1	39.5	31.1	6.2	.9	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 2274

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.3	.1	.1							1.1	7.5
NNE	.1	.3	.7	.3	.0		.0					1.5	9.3
NE	.2	.4	1.1	1.0	.3							2.9	10.2
ENE	.1	.9	1.0	1.0	.4	.0						3.4	10.0
E	.3	.8	2.4	1.5	.4							5.3	9.8
ESE		1.3	2.7	2.2	.5	.0		.0				6.8	10.5
SE	.2	1.2	5.1	4.1	1.6	.4	.1					12.7	11.7
SSE	.1	1.4	7.2	7.9	2.3	.7						19.6	12.0
S	.3	2.0	8.8	9.8	3.4	.3	.0					24.6	11.9
SSW	.1	1.0	4.1	3.6	1.3	.1						10.2	11.4
SW	.2	.8	1.6	1.4	.5	.1						4.6	10.8
WSW		.4	.9	.5	.1							1.9	9.7
W	.2	.1	.7	.3	.2	.0						1.5	10.3
WNW	.0	.2	.1	.3	.1							.8	10.8
NW	.0	.2	.2	.3								.7	8.9
NNW	.1	.2	.2	.0			.0					.6	8.8
VARBL													
CALM												1.5	
	2.3	11.5	37.3	34.3	11.2	1.7	.3	.0				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

2277

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.3	.5	.1	.3	.1	.0				2.0	13.0
NNE	.1	.4	.6	.6	.4	.1		.0				2.2	12.2
NE	.2	.7	.9	.5	.1	.2	.1	.0				2.6	10.8
ENE	.2	.6	1.1	1.2	.1		.0					3.2	10.0
E	.4	2.0	2.5	1.6	.1	.0						6.5	8.5
ESE	.5	1.4	2.9	2.0	.4	.3						7.6	10.1
SE	.5	2.2	5.0	4.2	1.3	.4	.0					13.6	10.8
SSE	.5	4.0	8.0	7.8	2.1	.7	.0					23.1	10.9
S	.8	3.7	7.4	6.7	1.9	.4						20.8	10.4
SSW	.1	1.3	1.8	.9	.3	.0						4.3	9.3
SW	.2	.9	1.1	.6	.4	.0						3.2	9.1
WSW	.2	.6	.7	.4			.0					1.9	8.6
W	.0	.7	.7	.1								1.5	7.1
WNW	.0	.2	.3	.2	.3	.0						1.1	11.6
NW	.1	.4	.3	.2	.4	.1		.1				1.6	12.7
NNW	.1	.2	.4	.4	.3	.1	.1					1.6	13.3
VARB													
CALM												3.0	
	4.1	19.6	33.8	28.1	8.1	2.6	.5	.2				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2269

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72 YEARS JUL
ALL WEATHER
CLAS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	1.2	.6	.4	.2	.1					4.0	10.1
NNE	.2	.7	1.0	.6	.3	.0						2.9	9.2
NE	.3	1.2	.6	1.0	.6	.0						3.7	10.0
ENE	.2	1.1	.9	.6	.2	.0						3.1	8.6
E	1.2	1.8	2.5	1.2	.3							7.0	7.7
ESE	.8	1.9	2.4	1.1	.6	.1						6.9	8.8
SE	.9	3.4	4.7	2.4	.6	.1	.0	.1				12.2	9.1
SSE	1.2	4.5	6.9	4.7	.9	.2						18.5	9.1
S	1.1	5.1	5.0	3.5	1.3	.1						17.0	8.9
SSW	.8	1.3	1.4	1.1	.2	.0						4.9	8.2
SW	.3	1.1	1.0	.4	.1							3.0	7.3
WSW	.1	.7	.5	.2								1.4	6.8
W	.2	.6	1.0	.3	.2							2.2	8.6
WNW	.0	.3	.5	.4	.1	.0						1.4	10.4
NW	.2	.3	.3	.2	.3	.1						1.6	11.0
NNW	.2	.4	.9	.6	.3	.1						2.5	10.6
VARBL													
CALM												7.6	
	8.0	25.6	32.0	18.8	6.4	1.2	.1	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2277

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	1.3	.8	.0							3.6	7.8
NNE	.2	.7	1.1	1.0	.1	.2						3.3	10.0
NE	.4	.9	1.7	1.2	.2							4.4	9.0
ENE	.4	1.1	.8	.6	.0							2.9	7.1
E	1.5	2.7	1.6	.6	.0							6.4	6.0
ESE	.7	1.6	1.2	.1	.0							3.7	6.3
SE	1.0	2.2	1.8	.6	.2		.0					5.8	7.0
SSE	1.6	2.6	3.3	.8	.2		.0					8.6	7.0
S	3.2	4.3	4.7	1.3	.2							13.8	6.5
SSW	1.9	1.9	3.4	1.2	.1							8.5	7.0
SW	1.4	2.4	2.1	.4								6.2	5.9
WSW	.5	1.0	1.1	.3								3.0	6.8
W	.4	2.1	1.9	.3	.0							4.7	6.7
WNW	.6	.6	.6	.1								1.9	5.9
NW	.2	.5	1.0	.1	.0							1.8	7.3
NNW	.3	.9	.3	.4	.2							2.0	8.4
VARBL													
CALM												19.5	
	14.6	26.5	28.0	9.5	1.5	.2	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2258

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.5	1.7	1.0	.1							5.3	7.4
NNE	.2	1.2	1.0	.6	.0	.2						3.1	8.6
NE	.6	1.6	1.8	.9	.1	.0						5.2	8.0
ENE	.6	.8	.8	.4								2.7	6.9
E	1.3	1.7	1.1	.5	.0							4.6	6.1
ESE	.7	1.0	1.0	.2								2.9	6.3
SE	.8	1.8	.9	.0								3.5	5.2
SSE	.6	1.4	1.7	.1								3.8	6.3
S	1.8	3.4	3.5	.4	.0							9.2	6.3
SSW	1.8	3.3	3.4	.4								8.8	6.1
SW	2.0	3.1	3.2	.0								8.4	5.7
WSW	.7	2.0	1.8	.3	.0							4.9	6.4
W	1.3	3.1	1.9	.3								6.5	6.0
WNW	.6	.8	.7	.1								2.2	5.7
NW	.7	1.3	1.0	.3								3.2	6.2
NNW	.7	.9	.7	.1	.0							2.4	6.0
VARBL													
CALM												23.3	
	15.3	29.0	26.1	5.7	.5	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2226

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2300R STATION CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72 YEARS MONTH AUG
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	1.6	.6	.1							4.5	7.3
NNE	.2	.9	1.6	1.1	.3	.0						4.1	9.9
NE	.4	1.3	1.3	.6	.1							3.7	7.7
ENE	.3	.6	.7	.4								2.0	7.4
E	.9	1.3	.9	.7	.1							3.9	7.0
ESE	.3	1.0	.9	.2	.0	.0						2.5	7.2
SE	.6	1.9	1.9	.3	.1	.1						4.9	7.3
SSE	.8	1.7	2.1	.3	.1							5.0	6.8
S	1.3	3.5	5.4	1.5	.0							11.8	7.4
SSW	1.3	3.0	6.4	2.0	.2							12.9	7.9
SW	1.3	3.7	5.0	1.5	.1							11.5	7.4
WSW	.9	2.5	3.5	.8	.1							7.8	7.2
W	.7	2.1	2.5	.8								6.1	7.0
WNW	.3	.6	.7	.0								1.6	6.1
NW	.6	.9	.7	.1	.0							2.3	5.9
NNW	.6	.9	.6	.2	.2							2.5	6.6
VARBL													
CALM												13.1	
	11.0	27.4	35.7	11.1	1.6	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2316

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	.6	.3	.0							2.2	6.6
NNE	.4	.4	1.0	.9	.4							3.1	10.1
NE	.3	.9	1.2	.6	.2	.1						3.4	8.7
ENE	.2	.5	1.2	.7	.0							2.7	9.1
E	.2	1.5	1.4	.3	.0							3.4	7.3
ESE	.1	1.1	1.5	.5	.1							3.3	8.0
SE	.4	1.4	1.6	.9	.2	.0						4.4	8.2
SSE	.4	2.0	3.3	2.4	.3							8.3	9.1
S	.7	3.6	8.4	4.8	.2	.1						17.8	9.1
SSW	.5	3.2	8.0	4.4	.2							16.2	9.0
SW	.6	2.7	7.4	3.0	.5	.1						14.3	9.1
WSW	.4	1.6	3.5	1.2	.1							6.8	8.5
W	.5	1.5	2.1	.8	.3							5.2	8.2
WNW	.2	.9	.6	.1	.0							1.9	6.7
NW	.3	.7	.2	.1								1.4	5.4
NNW	.1	.4	.3	.2								1.1	7.6
VARBL													
CALM												4.4	
	5.6	23.4	42.4	21.3	2.5	.3						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

2321

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2300H CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.5	.3								1.4	7.5
NNE	.1	.3	.6	.6	.0							1.7	9.7
NE	.3	.5	.9	.8	.3	.0						2.9	10.0
ENE	.3	.9	1.3	1.1	.3	.0						3.9	9.3
E	.4	1.3	2.3	.8	.1							5.0	8.1
ESE	.4	1.6	2.3	.9	.3							5.5	8.0
SE	.3	2.0	3.9	1.9	.4							8.4	9.2
SSE	.4	2.1	4.9	3.8	.5	.2						11.9	9.9
S	.8	3.4	11.0	6.5	1.3	.1						23.2	9.8
SSW	.2	2.5	5.2	3.3	.3							11.5	9.2
SW	.3	2.4	4.0	2.3	.4	.0						9.5	9.2
WSW	.3	.9	1.8	.9	.1	.0						4.1	8.8
W	.3	1.2	1.8	1.5	.1							4.8	9.1
WNW	.1	.3	.4	.1								.9	7.0
NW	.2	.2	.3	.1								.8	6.3
NNW	.0	.3	.2	.0								.6	7.1
VARBL													
CALM												3.9	
	4.8	20.4	41.3	25.0	4.2	.5						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2322

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2300H STATION CANNON AFB NEW MEXICO/CLOVIS 43-46,52-72 YEARS AUG MONTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.6	.2	.0							1.2	8.3
NNE	.1	.3	.3	.6	.2							1.6	10.4
NE	.1	.4	.7	.9	.3							2.4	11.0
ENE	.3	.5	1.6	.9	.1	.0						3.5	9.2
E	.2	1.2	3.3	1.5	.1	.1						6.4	9.4
ESE	.2	1.1	3.4	2.0	.6	.1						7.4	10.1
SE	.3	1.3	5.3	4.6	.7	.4	.1					12.8	10.9
SSE	.3	1.6	7.0	6.7	1.7	.2	.0	.0	.0			17.5	11.3
S	.4	3.0	8.6	7.8	1.3	.5	.0					21.7	10.8
SSW	.3	1.2	4.2	2.2	.6	.0						8.5	9.7
SW	.2	1.1	2.8	1.6	.1	.1						5.8	9.5
WSW		1.1	1.4	1.3	.2	.1						4.1	10.0
W	.2	.7	.9	.7	.3		.0					2.8	10.0
WNW	.0	.1	.4	.1		.0						.8	9.7
NW		.2	.2	.1	.0			.0				.6	11.2
NNW		.2	.4	.2	.0							.9	9.7
VARBL													
CALM												2.1	
	2.9	14.2	41.1	31.5	6.2	1.6	.2	.1	.0			100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2321

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	.7	.6	.3	.2						2.7	11.0
NNE	.1	.3	.4	.6	.1	.1						1.6	11.2
NE	.3	.4	.9	1.0	.6	.1						3.3	11.4
ENE	.2	.4	1.6	.4	.1		.1					2.8	9.4
E	.6	3.2	3.1	1.1	.3	.0	.0					8.3	8.0
ESE	.7	2.8	3.6	2.0	.4	.0						9.6	8.5
SE	.7	3.3	6.5	3.9	1.0	.4	.1					16.0	9.9
SSE	.9	4.0	8.0	4.7	.6	.2						18.4	9.2
S	1.0	3.9	6.1	3.7	.3							14.9	8.6
SSW	.6	1.8	2.2	.9	.1	.0						5.7	7.8
SW	.4	1.3	1.7	.6	.1							4.1	7.7
WSW	.1	.4	.6	.7								1.8	8.5
W	.3	1.0	.9	.6	.0	.1						2.8	8.1
WNW		.2	.6	.3	.2							1.3	10.9
NW	.1	.2	.4	.2	.1	.0						1.0	10.1
NNW		.3	.2	.3	.1	.1						1.1	11.8
VARBL													
CALM												4.5	
	6.2	24.2	37.4	21.7	4.5	1.4	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2323

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	.9	1.1	.3	.1	.0					3.5	10.5
NNE	.3	.7	.9	.9	.3	.1	.1	.0	.0			3.4	11.2
NE	.4	1.3	1.1	1.0	.2	.0						4.0	8.8
ENE	.4	1.2	1.2	.6	.1	.0						3.6	7.7
E	1.5	2.2	2.4	.6	.1							6.9	6.5
ESE	1.5	2.5	1.9	.6	.1	.1	.0					6.8	6.7
SE	1.4	3.5	4.7	2.1	.5	.0						12.3	8.2
SSE	2.2	5.1	6.6	2.9	.3	.0						17.1	7.7
S	2.0	5.2	5.7	2.0	.3	.0						15.3	7.4
SSW	.8	1.6	1.6	.4	.0	.1						4.5	6.9
SW	.5	.4	1.3	.2	.1	.0						3.5	7.1
WSW	.3	.7	.8	.2								2.0	6.9
W	.3	.9	.7	.5								2.4	7.4
WNW	.2	.4	.3	.1	.0							1.0	7.1
NW	.1	.4	.3	.3	.0							1.2	8.1
NNW		.5	.7	.4	.2	.1						1.9	10.7
VARBL													
CALM												10.6	
	12.3	25.4	31.0	14.1	2.6	.8	.2	.0	.0			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

2319

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.0	.7	.8	.4	.1	.0					3.7	9.3
NNE	.4	.4	1.3	1.0	.5	.1	.1	.0				3.8	11.1
NE	.4	.9	2.0	1.6	.4	.1		.0				5.4	10.0
ENE	.4	.8	.8	.7	.1	.0						2.9	8.6
E	1.2	1.0	1.7	1.0								5.0	7.3
ESE	.6	.9	1.2	.4	.0							3.1	6.7
SE	.8	1.5	2.6	.9	.0							5.8	7.4
SSE	.7	2.3	4.1	1.2	.0	.1						8.4	7.9
S	2.1	5.9	5.6	2.0	.3							15.8	7.1
SSW	1.3	3.5	3.6	.6	.0							9.0	6.7
SW	1.0	2.8	2.7	.3								6.9	6.3
WSW	.5	1.7	2.4	.3								4.9	7.0
W	.8	2.2	2.6	.4								5.9	6.7
WNW	.2	1.2	.2	.0								1.6	5.4
NW	.5	1.2	.3	.1								2.2	5.0
NNW	.4	.8	.1		.1	.1						1.6	6.3
VARBL													
CALM												14.1	
	12.1	28.0	31.9	11.2	1.9	.6	.1	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

2185

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.5	1.5	.8	.3	.1	.1	.0				5.3	8.8
NNE	.6	.4	1.5	1.9	1.0	.3	.1					5.9	12.3
NE	.5	1.0	2.2	.9	.3	.0						4.9	9.0
ENE	.4	.8	1.2	.3								2.6	6.9
E	.6	1.5	1.6	.5								4.1	6.9
ESE	.4	.5	.6	.2								1.7	6.4
SE	.7	1.2	1.3	.4								3.7	6.6
SSE	.9	1.9	2.5	.3								5.7	6.5
S	1.7	4.2	3.7	.9	.2							10.7	6.7
SSW	.9	3.2	2.7	.2	.0							7.1	6.2
SW	1.7	3.3	2.5	.6								8.2	5.0
WSW	1.1	2.5	2.7	.2								6.6	6.2
W	1.3	3.2	3.1	.1								7.8	6.0
WNW	.5	1.4	1.0	.3	.0	.0						3.3	6.8
NW	1.0	1.5	1.1	.1	.0							3.8	5.7
NNW	1.1	.8	.6	.3								2.9	5.6
VARBL													
CALM												15.9	
	14.6	29.0	29.8	8.1	1.9	.5	.2	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

2159

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.3	1.3	.5	.4	.0					5.3	10.5
NNE	.3	.5	2.0	2.3	1.1	.6	.1					6.9	13.0
NE	.3	1.1	2.1	1.3	.3	.2						5.3	9.8
ENE	.2	.8	1.2	.4	.0							2.7	8.0
E	.6	1.0	1.6	.4	.0							3.7	7.2
ESE	.3	.8	1.0	.3	.0							2.4	7.3
SE	.3	1.3	1.3	.6	.1							3.7	7.9
SSE	.6	1.3	1.5	.6	.1	.0						4.2	7.5
S	1.1	3.9	3.7	1.5	.1	.0						10.4	7.4
SSW	.6	2.3	5.2	1.4	.2	.0						9.7	8.1
SW	1.3	3.5	4.0	.8	.0							9.6	6.8
WSW	.8	2.0	3.4	.9	.1							7.3	7.6
W	1.2	4.1	3.8	.7								9.8	6.7
WNW	.5	1.2	1.1	.3	.0							3.1	6.4
NW	.8	1.1	.6	.2								2.6	5.6
NNW	.6	.8	1.1	.2		.0						2.7	6.9
VARBL													
CALM												10.6	
	10.0	27.0	34.8	13.3	2.8	1.3	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2245

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	.5	.9	.3	.3	.1					2.9	11.7
NNE	.2	.5	1.5	2.8	.9	.4	.0	.0				6.3	12.6
NE	.5	.9	2.0	2.0	.9	.2						6.5	10.8
ENE	.2	.9	1.3	.9	.1							3.5	8.7
E	.1	1.0	1.2	.3								2.6	7.4
ESE	.1	1.0	1.1	.2	.0							2.5	7.5
SE	.3	1.4	1.3	.7	.4	.1						4.2	9.0
SSE	.2	1.3	2.4	1.6	.2	.1						5.8	9.6
S	.5	2.3	6.6	3.7	.9	.1						15.2	9.4
SSW	.6	2.5	7.1	4.3	.4	.1						14.9	9.4
SW	.4	2.3	5.6	3.2	.6	.1						12.2	9.6
WSW	.3	1.6	4.3	2.9	.2	.0						9.4	9.5
W	.9	1.2	2.6	2.0	.6							7.3	9.3
WNW	.2	.4	.7	.6	.2							2.1	9.1
NW	.2	.5	.4	.2		.0						1.3	7.3
NNW	.1	.3	.3	.1								.8	6.7
VARBL													
CALM												2.5	
	5.1	19.8	38.8	26.4	5.8	1.4	.1	.0				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 2241

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2	.4	.7	.2	.1	.1					2.0	11.4
NNE	.2	.8	1.2	1.7	.4	.4						4.7	11.7
NE	.2	.7	1.7	2.0	.8	.1						5.5	11.4
ENE	.2	.4	1.3	1.2	.1							3.3	9.6
E	.3	1.5	1.9	.5	.0							4.2	7.4
ESE	.2	.9	1.7	.6	.1	.1						3.6	8.6
SE	.3	1.1	2.3	1.6	.3	.0						5.6	9.4
SSE	.2	1.6	3.6	2.7	.9	.2						9.1	10.4
S	.4	2.8	7.5	5.6	1.2	.2	.0					17.7	10.3
SSW	.2	1.7	6.3	3.8	.7	.1						12.8	10.1
SW	.4	1.7	5.1	4.2	.6	.1						12.1	10.3
WSW	.5	1.1	2.7	2.0	.5	.0						6.9	9.9
W	.5	.9	2.4	1.6	.5	.0						6.0	9.9
WNW	.2	.4	.6	.3	.1							1.6	8.3
NW	.3	.4	.6	.1								1.3	6.8
NNW	.2	.2	.3	.1								.8	6.8
VARBL													
CALM												2.8	
	4.6	16.5	39.5	28.8	6.4	1.4	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 2247

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

2300B
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.5	.5	.2	.1	.0					1.5	12.9
NNE	.1	.3	1.0	1.1	.3	.3	.0					3.2	12.6
NE	.4	.5	1.6	2.4	.8	.2						5.8	11.7
ENE	.2	.9	1.2	1.2	.3	.1						3.8	10.0
E	.4	1.0	2.1	.9	.1		.0					4.5	8.8
ESE	.2	.8	2.5	1.3	.4	.2						5.5	10.0
SE	.4	1.5	2.9	2.7	.6	.2						8.3	10.1
SSE	.5	1.5	4.6	4.0	1.8	.3						12.7	11.2
S	.5	2.3	7.8	6.3	2.0	.3	.0					19.3	10.9
SSW	.3	2.0	5.0	4.5	.6	.1	.0					13.3	10.3
SW	.4	1.5	3.6	3.1	.4	.0						9.1	9.9
WSW	.2	.8	1.8	1.9	.3	.0						5.2	10.3
W	.1	.7	1.2	1.1	.4	.0						3.7	10.7
WNW	.1		.4	.2	.2							.9	11.0
NW	.0	.1	.3	.1	.1							.6	9.7
NNW		.1	.1	.1	.1	.1						.5	13.5
VARBL													
CALM												2.0	
	3.7	14.2	37.7	31.4	8.7	2.0	.2					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

2243

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.3	.6	.5	.2	.2						1.9	12.0
NNE	.1	.4	1.0	.6	.5	.2						2.8	11.6
NE	.2	1.5	1.5	1.6	.7	.1	.0					5.7	10.4
ENE	.3	1.2	1.2	1.2	.2	.0	.0					4.1	9.5
E	1.0	1.9	2.7	1.3	.4	.1						7.4	8.3
ESE	.8	1.9	2.3	1.2	.2	.1	.1					6.5	8.4
SE	.9	2.9	4.8	3.1	1.3	.4						13.4	9.8
SSE	.8	3.6	6.1	3.8	.6							15.0	8.9
S	1.9	5.3	7.2	4.4	.3	.0						19.2	8.3
SSW	.7	3.0	2.8	.5								7.0	6.7
SW	.8	2.3	2.0	.5	.0							5.7	6.7
WSW	.3	1.2	.8	.2								2.5	6.3
W	.1	.5	1.2	.1	.0							2.0	8.1
WNW		.1	.5	.2		.0						.9	9.8
NW		.2	.4	.0	.1							.7	8.8
NNW		.4	.2	.1	.0	.0						.8	8.9
VARBL													
CALM												4.4	
	8.0	26.8	35.4	19.6	4.5	1.2	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2245

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2300Z
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

SFP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	.7	.5	.2	.0	.0					2.9	8.7
NNE	.5	.3	.9	1.0	.4	.1	.1					3.4	11.5
NE	.3	1.0	1.7	1.5	.8	.2						5.5	10.9
ENE	.3	1.0	1.1	1.2	.7	.1						3.3	9.2
E	.9	2.0	1.4	1.3	.5							6.0	8.2
ESE	.7	1.1	2.0	.7	.1	.0						4.5	8.2
SE	.9	2.8	4.8	1.9	.5							10.9	11.4
SSE	1.2	3.3	5.7	3.3	.4							13.9	11.7
S	1.7	4.5	7.2	2.9	.4	.0						16.7	8.0
SSW	2.1	2.0	2.9	.4	.0							7.4	6.1
SW	1.1	2.2	1.9	.2								5.3	6.0
WSW	.6	1.0	1.6	.4	.0							3.6	7.0
W	.4	1.4	1.7	.4	.0							3.9	7.1
WNW	.2	.5	.2	.1		.0						1.0	6.7
NW	.1	.6	.1	.0	.1	.0						1.0	7.1
NNW	.3	.3	.4	.1								1.0	6.1
VARBL													
CALM												9.0	
	11.4	25.0	34.2	15.9	3.7	.6	.2					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2245

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

DCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	1.6	1.4	.4	.1	.0					5.3	9.6
NNE	.3	.9	1.8	1.7	.9	.2						5.8	11.5
NE	.7	1.1	1.9	1.5	.5	.1						5.9	9.8
ENE	.7	1.0	.9	.6	.3							3.5	7.7
E	.9	.7	.8	.4	.1							2.9	6.8
ESE	.4	.9	.6	.2		.0						2.1	6.4
SE	.4	1.5	1.0	.7	.2	.1						3.9	8.4
SSE	.4	1.0	1.9	.8	.0	.1	.0					4.3	8.9
S	.9	2.5	2.7	1.2	.2	.0						7.6	7.7
SSW	1.3	2.6	2.6	.8		.0						7.3	6.7
SW	1.3	2.7	2.8	.8								7.6	6.6
WSW	.8	2.9	2.6	.8	.1	.0						7.3	7.2
W	1.0	3.5	3.7	1.6	.3	.1						12.2	8.0
WNW	1.0	1.7	1.7	.8	.1							5.3	7.1
NW	1.1	1.9	1.1	.3	.0							4.4	5.9
NNW	.5	1.4	.5	.4		.1						3.0	6.8
VARBL													
CALM												11.7	
	12.3	27.3	30.2	14.0	3.3	1.1	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

2261

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-71
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.4	2.2	1.6	.6	.1						7.5	8.9
NNE	.3	.9	2.2	1.6	.9	.2	.0	.0				6.3	11.4
NE	.3	.9	1.3	1.6	.4							4.5	10.5
ENE	.4	.5	1.0	.9	.2							3.0	9.8
E	.5	.7	.5	.4	.2							2.2	7.9
ESE	.0	.5	.5	.2								1.3	7.0
SE	.5	.9	.7	.5	.3							2.9	8.2
SSE	.4	.9	1.2	.6		.1	.0					3.2	8.6
S	.8	2.3	1.7	.8	.2	.0						5.8	7.2
SSW	1.0	1.6	1.8	.4	.0							4.8	6.5
SW	1.2	2.2	2.0	.4	.0							5.8	6.4
WSW	.8	2.6	3.5	.8	.2							7.9	7.3
W	.9	5.3	5.4	2.2	.3	.1						14.1	7.7
WNW	.9	2.5	2.2	.7	.3	.0						6.6	7.4
NW	.0	3.3	2.1	.7	.0							6.9	6.6
NNW	.8	1.8	1.5	.4	.1	.0						4.6	6.8
VARBL													
CALM												12.3	
	10.1	29.5	29.8	13.7	3.7	.7	.1	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2227

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23068
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	2.5	1.7	.6	.3						7.6	9.7
NNE	.1	.9	1.9	3.0	1.5	.7	.0	.0				8.1	13.3
NE	.3	.8	1.4	2.1	.9	.1						5.6	11.5
ENE	.2	.3	.9	.6	.1							2.0	10.0
E	.4	.5	.5	.2	.1	.0						1.8	7.3
ESE	.2	.4	.8	.3		.1						1.8	8.5
SE	.4	.6	1.0	.5	.2	.1						2.8	9.3
SSE	.4	1.4	1.3	.6	.2	.1						3.9	8.1
S	.9	1.2	2.2	.7	.3							5.3	7.8
SSW	.7	1.6	2.1	.8	.0	.0						5.3	7.7
SW	.5	2.0	2.8	.6	.2							6.1	7.6
WSW	.5	2.7	4.2	1.8	.1							9.3	8.1
W	1.2	4.2	6.5	2.5	.3	.2						14.9	8.3
WNW	1.2	2.6	3.1	.7	.2	.1		.0				7.9	7.4
NW	1.0	2.3	1.4	.5								5.1	6.0
NNW	.5	1.6	1.2	.6	.2		.1					4.1	7.7
VARBL													
CALM												8.4	
	8.7	25.2	33.7	17.0	5.0	1.7	.1	.1				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2323

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.1	1.3	.6	.2	.0					4.2	12.0
NNE	.3	.5	1.9	2.7	1.6	.6	.1					7.7	13.7
NE	.3	1.2	1.9	2.7	1.0	.2	.0					7.4	11.7
ENE	.3	.4	1.2	1.6	.2							3.6	10.4
E	.3	.2	1.2	.5	.3							2.6	9.8
ESE		.3	.6	.6	.2	.1						1.9	11.7
SE	.1	.4	.9	.8	.2	.1						2.6	10.9
SSE	.2	.6	1.5	1.4	.3	.3	.0					4.3	11.0
S	.5	1.1	3.7	2.8	.3	.0	.1					8.6	10.1
SSW	.4	1.9	4.3	2.9	.4			.0				10.0	9.5
SW	.3	2.1	4.7	3.5	.5	.1	.0	.0				11.4	9.9
WSW	.2	1.4	4.6	4.5	.8	.3						11.8	11.0
W	.5	1.4	4.3	4.3	1.6	.3						12.5	11.2
WNW	.2	.6	1.6	1.6	.2	.3						4.4	10.8
NW	.3	.3	.8	.3	.1	.0						1.9	8.6
NNW	.2	.4	.7	.2	.1	.2	.0					1.9	10.3
VARBL													
CALM												3.4	
	4.2	13.7	35.1	31.7	8.6	2.8	.4	.1				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 2311

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.1	1.3	.5	.0	.0					3.9	11.0
NNE	.1	.6	1.5	2.4	1.0	.3	.1					6.0	13.1
NE	.1	.9	2.1	2.2	.8	.1						6.2	11.4
ENE	.2	.9	1.3	1.5	.3							4.2	10.0
E	.3	.8	1.8	.8	.1							3.8	8.1
ESE	.0	.5	.7	.6	.2	.1						2.3	10.4
SE	.2	.4	.9	.5	.3	.4						2.8	12.0
SSE	.1	.7	1.7	1.6	.5	.3						5.0	11.1
S	.5	1.4	4.1	3.5	.5	.2	.1	.0				10.3	10.6
SSW	.1	1.0	4.1	4.8	1.2	.1						11.3	11.5
SW	.5	1.2	5.4	4.5	1.1	.2	.0					13.0	11.0
WSW	.3	1.0	3.3	4.8	2.0	.5	.1					12.1	12.5
W	.3	1.2	3.2	3.3	1.2	.5	.1					9.8	12.0
WNW	.0	.5	1.1	.6	.1	.1						2.4	9.8
NW	.2	.3	.5	.4	.0	.0						1.4	9.0
NNW	.2	.3	.8	.2		.0	.0					1.5	8.8
VARBL													
CALM												4.0	
	2.3	12.5	33.6	33.1	9.8	3.0	.6	.0				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 2311

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

DCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	1.1	.5	.2	.2						3.0	9.7
NNE	.1	.7	1.6	2.0	.7	.4	.0					5.6	12.6
NE	.1	1.2	1.8	2.1	.8	.1						6.2	11.1
ENE	.2	.8	1.5	1.1	.4							4.0	10.1
E	.5	1.2	2.0	.6	.1							4.5	7.8
ESE	.1	.9	1.2	.5	.1	.1						2.9	8.9
SE	.3	1.0	1.6	1.0	.6	.3						4.8	10.4
SSE	.4	1.2	1.9	1.9	1.2	.4	.0					7.0	11.5
S	.6	2.4	4.8	3.6	.8	.3	.0					12.5	9.8
SSW	.3	1.7	4.9	3.9	.6	.4						11.8	10.5
SW	.7	2.2	4.8	3.8	1.0	.1						12.7	9.9
WSW	.4	1.6	3.0	2.9	1.3	.2	.1					9.5	11.1
W	.6	1.4	2.2	1.4	.6	.3	.0					6.6	10.2
WNW	.1	.5	1.2	.3		.1	.0					2.2	9.1
NW	.1	.5	.7	.1	.0							1.4	7.1
NNW	.2	.3	.4	.1								1.0	6.6
VARBL													
CALM												4.2	
	5.1	18.4	34.8	25.8	8.5	2.8	.3					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

2314

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	.3	.3	.2	.2	.0					2.5	9.0
NNE	.5	1.1	1.1	1.3	.5	.2	.1					4.8	10.6
NE	.6	1.8	2.9	2.0	.4	.0	.1					7.9	9.6
ENE	.4	1.0	1.7	1.0	.3	.0						4.3	8.2
E	.8	1.9	1.8	.5	.1							5.1	6.7
ESE	.5	1.8	1.3	.8	.2							4.6	7.4
SE	.5	1.7	2.9	1.6	.6	.2						7.4	9.3
SSE	.6	2.9	3.8	2.2	.5	.1	.1					10.2	9.1
S	1.3	4.3	5.1	1.3	.4							12.5	7.6
SSW	1.2	3.2	3.0	.4		.0						7.9	6.5
SW	1.3	4.2	3.5	.4	.0	.0						9.5	6.4
WSW	.3	1.8	2.2	.7	.3							5.3	8.4
W	.4	1.3	2.0	.5	.0	.1						4.4	7.8
WNW	.0	.4	.6	.4		.1	.1					1.7	11.0
NW	.4	.5	.2	.2	.0							1.4	6.5
NNW	.1	.3	.4	.1				.0				1.0	8.4
VARBL													
CALM												9.8	
	9.2	29.3	32.9	13.6	3.6	1.1	.5	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2315

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	.9	.3	.4	.3						3.7	9.0
NNE	.3	.6	1.7	1.5	.6	.3						5.1	11.4
NE	.6	1.6	2.0	1.9	.7	.1	.0					7.0	9.9
ENE	.6	1.0	1.1	.6	.2	.0						3.6	8.0
E	.4	1.7	1.2	.9	.1							4.3	7.6
ESE	.4	.9	1.0	.5	.1	.0						3.0	7.6
SE	.6	1.7	2.7	.8	.3	.1						6.3	8.3
SSE	.9	1.7	2.7	1.5	.7	.2	.1					7.7	9.4
S	.5	3.2	3.8	1.4	.5							9.5	8.1
SSW	1.2	2.1	2.9	.9	.0							7.1	7.0
SW	1.0	3.7	2.4	.6	.0							7.7	6.3
WSW	.8	2.2	2.6	.6	.3	.0						6.6	7.4
W	1.1	3.4	4.1	1.1	.2	.0						9.9	7.4
WNW	.7	.7	1.3	.4		.0						3.1	7.4
NW	.5	1.4	.6	.3	.1	.0						2.9	6.9
NNW	.3	.7	.1	.1								1.3	5.5
VARBL													
CALM												11.1	
	10.5	28.0	31.2	13.5	4.3	1.3	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

2318

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	1.7	1.7	.9	.2	.0					6.5	11.0
NNE	.4	1.0	1.9	2.0	1.0	.2						6.5	11.2
NE	.5	1.1	2.0	1.6	.7							5.8	9.7
ENE	.5	.6	.7	.5	.0	.1						2.3	8.1
E	.3	.7	.6	.7	.1							2.4	8.6
ESE	.2	.4	.7	.3								1.6	7.4
SE	.5	.5	.7	.2	.1	.0						2.1	7.2
SSE	.2	.6	.6	.3	.2	.0						1.9	8.5
S	.8	1.2	1.0	.5	.2							3.7	7.3
SSW	.7	1.9	1.6	.6	.0							4.7	6.9
SW	.9	2.9	2.5	.5	.0							6.9	6.4
WSW	.8	2.8	4.4	3.0	.6	.1						11.7	9.2
W	1.6	5.0	6.5	3.2	.8	.0						17.1	8.4
WNW	.6	2.4	2.7	1.5	.3							7.6	8.3
NW	.8	2.3	2.1	.8	.1	.0						6.1	7.1
NNW	.5	1.5	1.2	.6	.2							4.0	7.7
VARBL													
CALM												9.1	
	9.8	26.1	30.9	17.8	5.4	.9	.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS. 2123

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23006
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	2.9	2.2	1.1	.4						9.1	10.5
NNE	.1	1.1	1.5	2.4	1.0	.3						6.5	12.0
NE	.4	.9	1.0	1.0	.4		.1					3.9	9.9
ENE	.4	.3	.4	.5	.2	.1						1.9	10.2
E	.7	.7	.8	.3	.1	.0						2.7	7.3
ESE	.1	.3	.7	.4								1.5	8.5
SE	.1	.2	.8	.3	.0							1.4	8.7
SSE	.1	.4	.2	.1	.0	.0						.9	8.3
S	.4	1.1	1.3	.7	.0	.1						3.6	8.1
SSW	.3	1.3	1.3	.4								3.4	7.1
SW	.7	2.0	1.6	1.0		.0						5.3	7.1
WSW	1.0	3.2	4.2	1.7	.5	.1						10.6	8.2
W	1.1	5.1	6.3	3.9	.8	.2	.0					17.4	8.8
WNW	.4	3.4	3.6	2.0	.3							9.7	8.3
NW	1.1	2.4	2.4	1.3	.1							7.3	7.3
NNW	.7	2.0	1.8	1.3	.2	.1						6.1	8.4
VARBL													
CALM												8.8	
	8.3	26.3	30.7	19.4	4.8	1.6	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2099

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

NDV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	2.9	2.2	1.0	.9						9.1	11.3
NNE	.2	.6	2.1	2.3	1.0	.4						6.6	12.3
NE	.3	.8	1.7	1.0	.5	.1						4.3	9.9
ENE	.3	.6	.7	.5	.1	.0						2.2	8.9
E	.3	.4	.5	.4	.1	.2						1.8	9.6
ESE	.1	.4	.4	.1								1.1	7.1
SE	.2	.5	1.1	.2								2.1	7.5
SSE	.2	.4	.6	.2	.1							1.6	8.4
S	.5	1.1	1.4	.9	.1							3.9	8.3
SSW	.3	1.2	1.4	.9								3.7	7.8
SW	.6	2.1	2.3	.6								5.6	7.0
WSW	.9	2.9	5.4	2.0	.5	.2						11.9	8.7
W	1.1	5.0	7.4	4.5	1.4	.2						19.6	9.2
WNW	.7	2.3	2.9	1.3	.5	.1	.1					7.8	8.7
NW	.8	2.2	2.2	.6	.2							6.1	7.2
NNW	.5	1.6	1.7	.8	.2	.1						5.1	8.1
VARBL													
CALM												7.6	
	7.3	23.8	34.6	18.5	5.7	2.2	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2145

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	1.3	1.8	1.4	.4	.1					5.6	14.0
NNE	.2	.8	2.0	2.4	1.1	1.2	.4	.0				8.2	14.2
NE	.2	.8	1.3	1.9	.7	.2						5.2	11.0
ENE	.1	.5	1.0	.6								2.2	8.8
E	.2	.9	1.1	.6	.0	.2	.0					3.0	9.5
ESE	.1	.3	.6	.6	.2							1.8	10.1
SE	.2	.5	1.0	.4	.2							2.3	8.9
SSE	.1	.6	1.1	.5	.1	.1						2.6	9.3
S	.4	1.2	2.1	1.7	.6							6.0	9.6
SSW	.2	1.1	2.6	1.9	.3	.1	.1					6.3	10.3
SW	.2	1.7	3.7	4.0	.7	.2	.1					10.6	10.9
WSW	.4	1.7	5.1	6.4	1.8	.9						16.4	11.9
W	.4	1.4	4.1	5.6	3.2	1.7	.4					16.8	13.7
WNW	.4	.3	1.2	1.5	.8	.4	.1					4.7	12.7
NW	.4	.5	.6	.5	.3							2.2	9.1
NNW	.1	.4	.8	.6	.5	.2						2.5	11.9
VARBL													
CALM												3.8	
	2.9	15.3	29.5	30.9	11.8	5.6	1.1	.0				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 2180

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CUGVIS
STATION NAME

43-46, 52-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	1.3	1.5	1.3	.4	.0					5.1	13.3
NNE	.1	.7	1.1	2.2	1.1	.5	.2					6.1	13.7
NE	.2	1.0	1.1	1.5	.5	.1	.0					4.4	10.9
ENE	.1	.5	1.0	.7	.2	.0						2.6	10.0
E	.3	1.0	1.0	.5	.1		.0					3.0	8.2
ESE	.1	.4	.9	.2								1.6	8.1
SE	.2	.4	1.1	.7	.3	.0						2.8	10.0
SSE	.2	.4	1.2	.6	.5	.1						3.1	10.8
S	.5	1.5	2.5	1.6	.3	.1						6.5	9.4
SSW	.3	1.2	4.0	3.4	1.2	.3	.1					10.5	11.3
SW	.1	1.2	4.9	4.7	1.3	.3	.0	.0				12.7	11.7
WSW	.1	1.1	3.9	5.6	2.7	1.1	.1					14.5	13.5
W	.2	1.5	2.6	5.1	3.0	2.8	.4	.0				15.6	15.2
WNW	.2	.3	1.0	1.2	.6	.4	.3					4.0	13.9
NW	.1	.2	.4	.5	.5	.1						1.8	12.4
NNW		.2	1.1	.6	.5	.1	.0					2.4	12.2
VARBL													
CALM												3.3	
	2.8	12.2	29.0	30.6	14.2	6.4	1.4	.1				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 2180

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008 STATION 23008 CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72 NDV MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.1	1.5	.9	.3	.1					4.8	12.5
NNE	.0	.7	1.5	2.0	.9	.2	.0					5.4	12.4
NE	.3	.7	1.3	1.5	.6							4.5	10.6
ENE	.2	.8	1.2	1.2	.3							3.8	9.7
E	.5	1.0	1.6	.6	.2							3.8	8.1
ESE	.3	.9	.8	.4	.0							2.4	7.4
SE	.2	1.3	1.6	.4	.2							3.7	8.0
SSE	.2	1.2	1.7	.9	.5	.1						4.5	9.6
S	.6	2.6	3.5	1.8	.6							9.0	8.8
SSW	.6	2.8	4.5	3.0	.4	.4	.0					11.8	9.6
SW	.5	2.7	5.0	3.9	.7	.0	.0					12.9	9.9
WSW	.3	1.9	3.1	3.0	1.4	.5	.1					10.2	11.2
W	.7	1.1	2.4	4.4	2.4	1.2	.0	.1				12.4	13.5
WNW	.2	.6	.9	.9	.6	.2	.0					3.4	12.2
NW	.2	.6	1.0	.6	.2	.1						2.7	10.0
NNW	.0	.4	.5	.3	.1							1.3	9.4
VARBL													
CALM												3.4	
	5.1	19.8	31.7	26.4	9.9	3.0	.4	.1				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2179

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.3	1.1	1.0	.5	.3	.0					4.6	10.6
NNE	.1	.8	2.1	2.0	.4	.2						5.7	10.9
NE	.5	1.9	1.9	1.4	.6	.2						6.4	9.6
ENE	.4	1.4	1.7	.8	.1	.0		.0				4.6	8.4
E	1.0	1.5	1.7	.5	.0							4.8	6.8
ESE	.5	1.1	1.0	.4	.0							2.9	6.7
SE	.7	1.1	1.4	.6	.1							4.0	7.4
SSE	.4	1.1	1.5	.5	.2	.0						3.7	8.1
S	1.4	2.9	3.3	1.0	.3	.0						8.9	7.2
SSW	1.1	2.6	2.9	.7	.2	.1						7.3	7.3
SW	1.4	5.1	3.2	1.3	.0	.0						11.0	6.8
WSW	1.0	2.4	4.0	2.4	.2	.1	.1					10.2	8.7
W	.6	2.5	3.6	3.2	.5							10.4	9.4
WNW	.5	.7	.8	1.0	.1	.2	.1	.0				3.3	10.4
NW	.3	.5	.7	.3	.3		.0					2.2	8.8
NNW	.4	.8	.6	.4	.0							2.2	7.3
VARBL													
CALM												7.5	
	10.4	27.8	31.4	17.4	3.8	1.4	.3	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

2185

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72 YEARS NOV MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	1.2	1.4	1.1	.3	.0					6.0	11.0
NNE	.5	.5	1.8	2.2	.7	.4						6.1	11.6
NE	.6	1.3	1.9	1.5	.8	.0						6.1	9.8
ENE	.4	1.0	1.1	.8	.1	.0						3.3	8.6
E	.6	1.3	1.6	.6	.1							4.1	7.7
ESE	.3	.8	1.0	.4	.0	.0						2.6	7.8
SE	.4	.6	1.1	.4	.1	.0						2.6	8.4
SSE	.1	.8	1.1	.2	.0							2.3	7.6
S	1.1	2.4	1.7	.8	.5	.1						6.6	7.6
SSW	.9	1.9	2.3	.5	.2	.0						5.8	7.2
SW	1.4	3.4	3.0	.9								8.8	6.5
WSW	.4	3.0	3.9	2.9	.6	.2	.2					11.2	9.6
W	.7	2.4	5.5	3.6	.2	.1						12.6	9.1
WNW	.7	1.1	1.6	1.5	.3	.2						5.3	9.4
NW	.5	1.6	1.4	.4	.1							4.0	7.0
NNW	.5	1.0	.6	.0	.1							2.3	5.9
VARBL													
CALM												10.4	
	9.5	24.6	30.6	18.2	5.0	1.6	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2181

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

22008 STATION CANNON AFB NEW MEXICO/CLOVIS 43-45, 51-72 YEARS DEC MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.1	1.7	1.4	.4	.3		.0				6.4	9.4
NNE	.5	.6	.9	2.1	1.3	.5	.1	.0				5.9	14.0
NE	.2	1.0	1.4	1.5	.8	.1						5.0	11.0
ENE	.2	.8	.5	.2	.0							1.7	7.0
E	.4	.7	.5	.4								1.9	6.7
ESE	.3	.7	.2	.1								1.3	5.6
SE	.1	.6	.3	.1								1.2	6.3
SSE	.1	.6	.6	.1								1.5	6.7
S	.1	1.5	.7	.3	.0	.0						2.7	6.9
SSW	.3	1.2	1.0	.3	.2							3.0	7.7
SW	.9	1.5	2.0	1.7	.2	.1						6.4	8.6
WSW	.6	2.9	4.7	3.4	1.2	.3	.0					13.1	10.1
W	1.3	4.4	7.0	5.0	1.4	.9	.0					20.1	10.0
WNW	.8	2.5	5.7	2.3	.6	.2						10.0	9.0
NW	.8	1.9	2.7	1.1	.1	.0						6.6	7.8
NNW	.7	1.7	1.8	1.1	.1							5.5	7.9
VARBL													
CALM												7.7	
	7.4	24.8	29.8	21.1	6.4	2.5	.2	.1				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2229

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0100-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	2.5	2.1	.8	.2						7.6	10.3
NNE	.2	.8	1.2	2.2	1.1	.4	.3					6.2	13.7
NE	.1	.8	1.0	1.1	.8	.1						3.9	11.4
ENE	.2	.3	.5									1.0	6.1
E	.2	.6	.8	.2								1.9	6.8
ESE	.3	.3	.2	.2								1.0	6.0
SE	.3	.7	.3	.0								1.3	5.1
SSE	.4	.3	.7	.2								1.8	6.2
S	.4	1.0	.7	.1								2.3	6.1
SSW	.2	1.0	.8	.2								2.2	6.6
SW	.4	1.5	2.3	1.0	.3	.0						5.5	8.6
WSW	.3	2.6	4.2	3.7	.9	.4	.0	.0				12.6	10.1
W	1.2	3.8	7.0	5.1	1.6	.4	.1					19.3	10.0
WNW	.6	2.6	4.6	3.0	.6	.3	.1					11.9	9.7
NW	.7	2.0	3.4	2.1	.1							8.3	8.3
NNW	.5	1.7	2.2	1.1	.2	.0	.0					5.7	8.3
VARBL													
CALM												7.7	
	7.1	21.8	32.3	22.3	6.4	1.9	.6	.0				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2202

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.8	2.6	2.3	.9	.1	.3					8.4	10.5
NNE	.2	.8	1.6	2.5	1.4	.3	.1					7.0	12.7
NE	.3	.3	1.0	1.3	.5	.2	.0					3.7	11.7
ENE	.2	.3	.4	.2	.0	.0						1.2	7.8
E	.2	.4	.9	.2	.1							1.8	7.4
ESE	.1	.3	.3									.7	5.7
SE	.2	.2	.4	.0								.8	6.8
SSE	.3	.7	.9	.0	.0							2.0	6.9
S	.3	.6	.7	.3	.0							1.9	7.0
SSW	.2	1.0	1.0	.4								2.5	7.2
SW	.7	1.6	1.9	1.0	.1	.0						5.4	7.8
WSW	.9	2.1	4.9	3.4	.8	.2	.0	.0	.0			12.4	10.1
W	.8	4.5	7.3	5.4	1.9	.4						20.2	9.9
WNW	.9	3.5	4.4	2.9	.5	.1						12.4	8.7
NW	.8	2.1	2.9	1.2	.2							7.2	7.7
NNW	.3	1.7	2.1	1.1	.3	.1						5.6	8.6
VARBL													
CALM												6.7	
	7.0	22.0	33.3	22.2	6.7	1.5	.5	.0	.0			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2313

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CO. DITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	1.1	1.9	.9	.3	.2					5.3	12.2
NNE	.1	.3	2.2	3.2	2.7	.6	.1	.1	.1			9.4	14.9
NE	.3	.6	1.6	1.2	.7	.3		.1				4.9	12.0
ENE	.2	.4	.8	.5								1.9	8.7
E	.2	.5	1.0	.5	.1	.0						2.4	9.0
ESE	.1	.5	.3	.2	.0							1.2	7.3
SE	.3	.4	.7	.3	.0							1.8	7.5
SSE	.3	.4	1.2	.3	.1							2.3	8.4
S	.3	.8	1.2	.4	.0	.0						2.7	8.2
SSW	.3	1.2	2.5	1.8	.5	.0						6.3	9.8
SW	.3	1.3	3.7	2.9	.7	.2		.0				9.2	10.7
WSW	.4	1.7	4.6	5.9	2.0	.9	.2	.1				15.8	12.5
W	.4	2.0	5.5	6.9	2.8	1.9	.5	.1				20.1	13.3
WNW	.3	.7	2.4	2.5	.7	.5	.1	.2				7.4	12.5
NW	.2	1.1	1.1	.9	.2	.0		.0				3.5	9.1
NNW	.0	.6	.9	1.1	.6	.0						3.3	11.1
VARBL													
CALM												2.7	
	3.8	13.5	30.9	30.3	12.1	4.9	1.0	.6	.1			100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

2321

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23000 CANNON AFB NEW MEXICO/CLOVIS 43-45, 51-72 DEC
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	1.4	1.8	1.0	.4						5.7	12.3
NNE	.1	.5	1.8	2.5	1.9	.4	.3	.0				7.6	14.2
NE	.2	.4	1.6	1.9	.7	.2	.1					5.1	12.3
ENE	.3	.4	.9	.6	.0							2.2	8.7
E	.2	.6	.4	.5	.0							1.9	8.4
ESE	.1	.4	.3	.2	.0							1.1	7.4
SE	.3	.5	.3	.1								1.2	6.0
SSE	.2	.4	1.1	.3								2.0	7.7
S	.6	1.0	1.9	.7	.1	.1						4.4	8.3
SSW	.5	.9	2.4	3.3	.7	.2						8.0	10.9
SW	.2	1.3	4.1	4.9	1.2	.6						12.3	11.8
WSW	.4	1.1	3.6	6.4	2.7	1.7	.4	.1				16.4	14.1
W	.3	1.2	3.6	6.4	4.1	2.2	.9	.2				18.9	15.3
WNW	.4	.5	1.1	.9	.7	.6	.2	.1				4.5	14.0
NW	.1	.1	.6	.8	.3	.1	.1					2.1	12.5
NNW	.1	.7	.9	1.1	.2	.0	.0					3.2	10.4
VARBL													
CALM												3.5	
	4.4	11.0	25.9	32.3	13.7	6.6	2.0	.5				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 2317

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.4	1.1	.6	.2	.1					4.3	11.5
NNE	.2	1.1	1.6	2.5	.6	.8	.1					6.8	12.5
NE	.2	1.5	2.2	1.2	.5	.3						5.8	9.8
ENE	.3	1.1	1.0	.9	.0							3.3	8.5
E	.2	.9	1.0	.2		.1						2.4	7.8
ESE	.2	.3	.6	.3	.1							1.6	8.4
SE	.4	.7	.8	.2								2.1	6.5
SSE	.3	.9	.8	.6	.0							2.6	7.6
S	.5	1.8	2.4	.8	.2	.2						5.9	8.1
SSW	.5	2.0	4.1	2.7	.6	.1						10.0	9.5
SW	.6	3.4	4.4	4.1	.6	.3	.0					13.5	9.7
WSW	.6	2.0	4.4	3.4	1.9	.8	.1					13.1	11.4
W	.7	2.0	4.2	4.6	2.5	1.3	.3					15.5	12.6
WNW	.3	.6	.9	1.2	.6	.5	.0	.0	.0			4.2	13.3
NW	.3	.6	.9	.1	.1	.0						1.9	8.0
NNW	.3	.6	1.0	.4	.1	.0						2.5	8.4
VARBL													
CALM												4.3	
	5.8	20.1	31.6	24.3	8.5	4.6	.7	.0	.0			100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2308

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	1.1	.7	.4	.1	.0					5.2	8.3
NNE	.3	1.1	1.5	1.9	.7	.5	.1					6.3	11.9
NE	.8	1.4	1.9	1.0	.4	.1						5.6	8.5
ENE	.3	1.0	1.4	1.0	.1							3.8	8.3
E	.8	.9	1.0	.1		.0						2.8	6.2
ESE	.2	1.0	1.0	.6	.1	.1						3.0	8.3
SE	.3	.7	.4	.4	.1							2.0	7.5
SSE	.4	1.0	.9	.4	.0							2.8	7.2
S	.9	1.5	1.5	.7	.1							4.6	7.0
SSW	.4	2.1	2.9	.9	.1	.0						6.5	7.7
SW	.8	4.2	3.0	1.9	.2	.2		.0				10.2	8.0
WSW	.4	3.2	4.5	3.8	.9	.3						13.0	9.8
W	.7	2.4	4.3	4.7	.8	.2						13.2	10.2
WNW	.3	1.7	1.5	1.5	.5	.2						5.7	9.8
NW	.5	.9	1.3	.1	.1	.1						3.0	7.3
NNW	.4	1.1	.8	.2	.0							2.6	6.3
VARBL													
CALM												9.7	
	8.4	26.2	29.0	20.0	4.6	1.9	.2	.0				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

2287

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	1.6	.9	.3	.3						5.9	8.6
NNE	.2	1.3	2.1	1.6	1.2	.5	.1					7.0	11.8
NE	.5	1.2	1.4	1.0	.5	.1	.0					4.7	9.8
ENE	.1	.8	1.0	.7	.1							2.8	9.1
E	.2	1.0	1.1	.4								2.7	7.4
ESE	.4	.6	.4	.1	.1							1.5	6.4
SE	.3	.7	.6	.2								1.7	6.4
SSE	.3	.7	1.0	.3								2.2	7.4
S	.7	1.6	1.1	.3								3.7	6.3
SSW	.6	1.4	1.7	.7								4.4	7.4
SW	.5	2.2	3.2	1.5	.4							7.9	8.6
WSW	.7	2.9	4.5	4.1	1.5	.4						14.0	10.4
W	.9	3.3	6.7	4.6	1.3	.3						17.4	10.0
WNW	.5	2.0	2.5	1.6	.3	.1						7.1	8.8
NW	.7	2.0	2.0	.4	.1	.1						5.3	7.0
NNW	.6	.3	1.2	.3	.2	.0						3.2	7.6
VARBL													
CALM												8.3	
	7.7	24.8	32.1	18.9	6.0	2.1	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2286

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 51-72
YEARS

ALL
MONTH

INSTRUMENT
CLAS

ALL
HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.6	1.3	1.9	1.8	1.3	.2	.0	.0	.0	.0	7.2	15.3
NNE	.2	.7	2.6	5.2	3.1	1.7	.3	.1	.0	.0	.0	14.0	15.1
NE	.2	1.2	3.0	3.9	1.8	.7	.2	.0	.0	.0	.0	11.1	12.9
ENE	.3	.9	2.1	2.5	.6	.1	.0	.0	.0	.0	.0	6.5	11.0
E	.4	1.4	2.5	1.8	.6	.1	.0	.0	.0	.0	.0	6.9	9.9
ESE	.2	1.0	2.1	1.4	.4	.2	.0	.0	.0	.0	.0	5.3	10.3
SE	.4	1.1	2.0	1.8	.6	.3	.1	.0	.0	.0	.0	6.3	11.1
SSE	.3	1.6	2.6	2.1	.6	.3	.1	.0	.0	.0	.0	7.6	10.8
S	.6	2.0	3.6	2.4	.4	.1	.0	.0	.0	.0	.0	9.1	9.4
SSW	.2	1.3	2.3	1.3	.2	.2	.1	.1	.0	.0	.0	5.9	10.1
SW	.2	.7	1.6	1.2	.2	.2	.1	.1	.0	.0	.0	4.3	11.2
WSW	.1	.4	1.2	.6	.3	.5	.3	.2	.0	.0	.0	3.7	14.9
W	.3	.8	.7	.3	.2	.5	.4	.3	.0	.0	.0	3.1	16.6
WNW	.1	.3	.3	.1	.2	.4	.3	.1	.0	.0	.0	1.7	18.1
NW	.2	.3	.2	.2	.2	.2	.1	.0	.0	.0	.0	1.4	13.0
NNW	.2	.3	.4	.6	.4	.3	.1	.1	.1	.0	.0	2.3	15.1
VARBL													
CALM												3.7	
	4.0	14.1	29.0	27.2	11.5	7.1	2.3	1.1	.1	.0	.0	100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 12651

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:

Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 51-72
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	68.1	69.6	69.9	70.1	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.9
IV 20000	75.6	77.3	77.6	77.9	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.8
IV 18000	75.8	77.5	77.8	78.1	78.4	78.5	78.6	78.6	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9
IV 16000	76.0	77.7	78.1	78.4	78.7	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.2	79.2
IV 14000	76.9	78.7	79.0	79.3	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.2	80.2
IV 12000	78.7	80.5	80.9	81.2	81.5	81.6	81.7	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.1
IV 10000	80.5	82.4	82.7	83.1	83.4	83.5	83.6	83.6	83.7	83.8	83.8	83.8	83.9	83.9	83.9	84.0
IV 9000	80.8	82.7	83.1	83.4	83.8	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.3	84.3
IV 8000	81.7	83.7	84.1	84.4	84.8	84.8	85.0	85.0	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3
IV 7000	82.3	84.3	84.7	85.0	85.4	85.4	85.6	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	86.0
IV 6000	83.2	85.3	85.8	86.1	86.5	86.5	86.7	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.1
IV 5000	84.6	86.9	87.3	87.7	88.1	88.2	88.3	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.8
IV 4500	84.9	87.2	87.7	88.1	88.5	88.5	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.1	89.1
IV 4000	85.8	88.3	88.8	89.2	89.6	89.7	89.8	89.9	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.3
IV 3500	86.2	88.7	89.2	89.6	90.0	90.1	90.3	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.7	90.7
IV 3000	86.7	89.4	89.9	90.3	90.7	90.8	91.0	91.0	91.0	91.2	91.2	91.2	91.3	91.3	91.4	91.4
IV 2500	87.2	90.0	90.5	90.9	91.4	91.4	91.6	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.1
IV 2000	87.8	90.7	91.3	91.7	92.2	92.2	92.4	92.5	92.5	92.7	92.7	92.7	92.8	92.8	92.9	92.9
IV 1800	88.0	91.7	91.5	92.0	92.4	92.5	92.7	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.2
IV 1500	88.5	91.6	92.2	92.6	93.1	93.2	93.4	93.5	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.9
IV 1200	89.0	92.2	92.8	93.3	93.8	93.9	94.1	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.6	94.6
IV 1000	89.4	92.8	93.4	94.0	94.5	94.6	94.8	94.9	94.9	95.1	95.1	95.2	95.3	95.3	95.3	95.4
IV 900	89.6	93.1	93.8	94.3	94.9	94.9	95.2	95.3	95.3	95.5	95.5	95.5	95.6	95.7	95.7	95.8
IV 800	89.8	93.4	94.1	94.7	95.3	95.3	95.6	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.2
IV 700	90.0	93.8	94.5	95.1	95.7	95.8	96.0	96.1	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.7
IV 600	90.1	94.1	94.8	95.5	96.1	96.2	96.5	96.6	96.6	96.8	96.9	96.9	97.1	97.1	97.1	97.2
IV 500	90.2	94.4	95.2	96.0	96.6	96.7	97.1	97.2	97.2	97.5	97.5	97.5	97.7	97.7	97.8	97.9
IV 400	90.3	94.5	95.4	96.2	97.0	97.1	97.5	97.6	97.7	98.0	98.0	98.1	98.3	98.3	98.3	98.4
IV 300	90.3	94.6	95.5	96.4	97.2	97.3	97.7	97.9	98.0	98.3	98.4	98.4	98.7	98.7	98.8	98.9
IV 200	90.3	94.6	95.6	96.4	97.2	97.4	97.8	98.1	98.1	98.5	98.7	98.7	99.0	99.1	99.2	99.3
IV 100	90.3	94.6	95.6	96.4	97.3	97.4	97.9	98.1	98.2	98.6	98.8	98.9	99.2	99.3	99.5	99.7
IV 0	90.3	94.6	95.6	96.4	97.3	97.4	97.9	98.1	98.2	98.6	98.8	98.9	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 215243

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	> 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	70.3 79.1	71.7 80.8	71.9 81.1	72.1 81.4	72.4 81.7	72.4 81.7	72.5 81.9	72.6 81.9	72.6 81.9	72.7 82.1	72.7 82.1	72.7 82.1	72.8 82.2	72.8 82.2	72.9 82.2	72.9 82.3
IV 18000 16000	79.4 79.6	81.1 81.3	81.4 81.6	81.7 81.9	82.0 82.2	82.0 82.2	82.1 82.4	82.2 82.4	82.2 82.4	82.4 82.6	82.4 82.6	82.4 82.6	82.4 82.7	82.5 82.7	82.5 82.7	82.6 82.8
IV 14000 12000	80.8 82.7	82.5 84.5	82.7 84.8	83.1 85.1	83.4 85.4	83.4 85.4	83.5 85.6	83.6 85.7	83.6 85.7	83.8 85.8	83.8 85.9	83.8 85.9	83.9 85.9	83.9 86.0	83.9 86.0	84.0 86.1
IV 10000 9000	84.1 84.4	86.0 86.3	86.2 86.5	86.6 86.9	86.9 87.2	86.9 87.2	87.1 87.4	87.1 87.5	87.1 87.5	87.3 87.6	87.3 87.7	87.3 87.7	87.4 87.7	87.4 87.8	87.5 87.8	87.5 87.9
IV 8000 7000	85.1 85.6	87.1 87.5	87.3 87.8	87.7 88.2	88.0 88.5	88.0 88.5	88.2 88.7	88.3 88.7	88.3 88.7	88.4 88.9	88.5 88.9	88.5 88.9	88.5 89.0	88.6 89.0	88.6 89.1	88.7 89.1
IV 6000 5000	86.3 87.0	88.3 89.1	88.6 89.4	89.0 89.8	89.3 90.1	89.3 90.1	89.5 90.3	89.6 90.4	89.6 90.4	89.7 90.6	89.8 90.6	89.8 90.6	89.8 90.7	89.8 90.7	89.9 90.8	90.0 90.8
IV 4500 4000	87.2 87.5	89.3 89.7	89.6 90.0	90.0 90.4	90.4 90.7	90.4 90.7	90.6 90.9	90.6 91.0	90.7 91.0	90.8 91.2	90.9 91.2	90.9 91.2	90.9 91.3	91.0 91.4	91.0 91.4	91.1 91.5
IV 3500 3000	87.7 88.1	89.9 90.4	90.3 90.7	90.6 91.1	91.0 91.5	91.0 91.5	91.2 91.7	91.3 91.8	91.3 91.8	91.5 92.0	91.5 92.0	91.5 92.0	91.6 92.1	91.7 92.1	91.7 92.2	91.8 92.2
IV 2500 2000	88.4 88.9	90.8 91.3	91.2 91.7	91.6 92.2	92.0 92.6	92.0 92.6	92.2 92.8	92.3 92.9	92.3 92.9	92.5 93.1	92.5 93.1	92.5 93.1	92.6 93.2	92.6 93.3	92.7 93.3	92.7 93.4
IV 1800 1500	89.0 89.3	91.5 92.0	91.9 92.5	92.4 93.0	92.8 93.4	92.8 93.4	93.0 93.6	93.1 93.7	93.1 93.7	93.3 94.0	93.3 94.0	93.3 94.0	93.4 94.1	93.4 94.1	93.5 94.1	93.6 94.2
IV 1200 1000	89.6 89.9	92.5 93.0	93.0 93.5	93.5 94.0	94.0 94.5	94.0 94.5	94.2 94.8	94.3 94.9	94.3 94.9	94.5 95.1	94.6 95.2	94.6 95.2	94.7 95.3	94.7 95.3	94.7 95.4	94.8 95.4
IV 900 800	90.1 90.2	93.2 93.4	93.7 94.0	94.3 94.6	94.8 95.1	94.8 95.2	95.1 95.4	95.2 95.6	95.2 95.6	95.4 95.8	95.5 95.8	95.5 95.8	95.6 96.0	95.6 96.0	95.6 96.0	95.7 96.1
IV 700 600	90.3 90.4	93.6 93.9	94.2 94.5	94.9 95.3	95.4 95.8	95.5 95.9	95.7 96.2	95.9 96.3	95.9 96.3	96.1 96.5	96.2 96.6	96.2 96.6	96.3 96.7	96.3 96.7	96.4 96.8	96.4 96.9
IV 500 400	90.5 90.5	94.1 94.2	94.8 95.0	95.6 95.8	96.3 96.6	96.3 96.6	96.7 97.1	96.8 97.2	96.8 97.3	97.1 97.6	97.2 97.7	97.2 97.7	97.3 97.9	97.4 98.0	97.4 98.1	97.5 98.2
IV 300 200	90.5 90.5	94.2 94.2	95.1 95.1	95.9 96.0	96.7 96.7	96.8 96.8	97.3 97.3	97.5 97.6	97.5 97.7	98.0 98.2	98.2 98.4	98.2 98.5	98.5 98.8	98.5 98.9	98.7 99.2	98.9 99.3
IV 100 0	90.5 90.5	94.2 94.2	95.1 95.1	96.0 96.0	96.7 96.7	96.9 96.9	97.4 97.4	97.6 97.6	97.7 97.7	98.2 98.2	98.5 98.5	98.6 98.6	99.0 99.0	99.1 99.1	99.5 99.5	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 17845

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	66.1 73.6	67.9 75.7	68.2 76.1	68.6 76.5	69.0 77.0	69.1 77.0	69.3 77.3	69.3 77.3	69.3 77.3	69.5 77.5	69.6 77.6	69.6 77.6	69.7 77.8	69.7 77.8	69.8 77.8	69.9 78.0
IV 18000 IV 16000	73.8 74.2	76.0 76.4	76.4 76.7	76.8 77.2	77.3 77.7	77.4 77.7	77.6 77.9	77.6 78.0	77.6 78.0	77.8 78.2	77.9 78.3	77.9 78.3	78.1 78.4	78.1 78.4	78.1 78.5	78.3 78.6
IV 14000 IV 12000	75.4 76.7	77.6 78.9	78.0 79.3	78.3 79.8	79.0 80.4	79.0 80.4	79.2 80.6	79.3 80.7	79.3 80.7	79.5 80.9	79.6 81.0	79.6 81.0	79.7 81.1	79.7 81.1	79.8 81.2	79.9 81.3
IV 10000 IV 9000	77.8 78.0	80.1 80.4	80.5 80.8	81.1 81.3	81.6 81.9	81.6 81.9	81.9 82.2	82.0 82.3	82.0 82.3	82.2 82.5	82.3 82.5	82.3 82.5	82.4 82.7	82.4 82.7	82.5 82.8	82.6 82.9
IV 8000 IV 7000	78.6 78.9	81.1 81.5	81.5 82.0	82.1 82.5	82.7 83.1	82.7 83.1	82.9 83.4	83.0 83.5	83.0 83.5	83.2 83.7	83.3 83.8	83.3 83.8	83.4 83.9	83.5 84.0	83.5 84.0	83.7 84.1
IV 6000 IV 5000	79.4 80.0	82.1 82.8	82.6 83.3	83.1 83.9	83.7 84.5	83.8 84.5	84.0 84.8	84.1 84.9	84.1 84.9	84.3 85.1	84.4 85.2	84.4 85.2	84.6 85.4	84.6 85.4	84.7 85.5	84.8 85.6
IV 4500 IV 4000	80.2 80.6	83.1 83.6	83.5 84.0	84.1 84.7	84.8 85.3	84.8 85.3	85.1 85.6	85.2 85.7	85.2 85.7	85.4 85.9	85.5 86.0	85.5 86.0	85.6 86.2	85.7 86.2	85.7 86.3	85.9 86.4
IV 3500 IV 3000	80.8 81.2	83.8 84.4	84.3 84.9	85.0 85.5	85.6 86.2	85.6 86.2	85.9 86.5	86.0 86.6	86.0 86.6	86.2 86.9	86.3 87.0	86.3 87.0	86.5 87.1	86.5 87.1	86.6 87.2	86.7 87.4
IV 2500 IV 2000	81.7 82.5	85.0 85.9	85.5 86.5	86.1 87.2	86.8 87.9	86.9 88.0	87.1 88.2	87.2 88.4	87.2 88.4	87.5 88.6	87.6 88.7	87.6 88.7	87.8 88.9	87.8 88.9	87.9 89.0	88.0 89.1
IV 1800 IV 1500	82.7 83.1	86.2 86.9	86.8 87.6	87.5 88.4	88.2 89.1	88.3 89.1	88.6 89.5	88.7 89.6	88.7 89.6	89.0 89.9	89.1 90.0	89.1 90.0	89.3 90.1	89.3 90.1	89.4 90.4	89.5 90.5
IV 1200 IV 1000	83.6 84.0	87.6 88.3	88.3 89.0	89.2 89.9	90.0 90.8	90.0 90.8	90.4 91.2	90.5 91.4	90.5 91.4	90.9 91.8	91.0 91.9	91.0 91.9	91.2 92.2	91.3 92.2	91.4 92.3	91.5 92.5
IV 900 IV 800	84.2 84.4	88.6 89.0	89.4 89.8	90.3 90.8	91.2 91.6	91.2 91.7	91.6 92.2	91.8 92.3	91.8 92.3	92.2 92.8	92.3 92.9	92.3 92.9	92.6 93.2	92.7 93.2	92.8 93.3	92.9 93.5
IV 700 IV 600	84.6 84.8	89.4 89.7	90.2 90.5	91.1 91.6	92.0 92.5	92.1 92.6	92.6 93.1	92.8 93.3	92.8 93.3	93.2 93.8	93.4 93.9	93.4 93.9	93.7 94.3	93.7 94.3	93.8 94.4	94.0 94.6
IV 500 IV 400	84.9 85.0	90.1 90.3	91.0 91.4	92.1 92.5	93.1 93.6	93.2 93.7	93.8 94.4	94.0 94.6	94.0 94.6	94.5 95.2	94.7 95.4	94.8 95.5	95.1 95.9	95.2 95.9	95.3 96.1	95.5 96.3
IV 300 IV 200	85.1 85.1	90.4 90.5	91.5 91.6	92.7 92.9	93.8 94.0	93.9 94.2	94.7 95.0	95.0 95.4	95.0 95.4	95.7 96.3	95.7 96.7	96.0 96.8	96.5 97.4	96.5 97.4	96.8 97.8	97.0 98.1
IV 100 IV 0	85.1 85.1	90.5 90.5	91.6 91.6	92.9 92.9	94.0 94.0	94.2 94.2	95.1 95.1	95.5 95.5	95.6 95.6	96.5 96.6	97.0 97.0	97.1 97.1	97.9 98.0	97.9 98.2	98.5 98.7	99.0 100.0

TOTAL NUMBER OF OBSERVATIONS 16740

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLDVIS
STATION NAME

43-46,52-72
YEARS

HAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS(151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.6	66.4	67.1	67.7	68.3	68.3	68.6	68.7	68.7	69.0	69.1	69.1	69.2	69.2	69.3	69.3
IV 20000	71.5	74.8	75.6	76.2	76.9	77.0	77.3	77.4	77.4	77.8	77.9	77.9	78.0	78.0	78.1	78.1
IV 18000	71.8	75.1	75.9	76.5	77.2	77.2	77.6	77.7	77.7	78.0	78.1	78.1	78.3	78.3	78.3	78.4
IV 16000	72.1	75.4	76.3	76.9	77.6	77.6	78.0	78.1	78.1	78.4	78.5	78.5	78.7	78.7	78.8	78.8
IV 14000	73.1	76.4	77.3	77.9	78.6	78.7	79.1	79.2	79.2	79.5	79.6	79.6	79.8	79.8	79.8	79.9
IV 12000	74.9	78.4	79.3	80.0	80.8	80.8	81.2	81.3	81.3	81.7	81.8	81.8	81.9	82.0	82.0	82.0
IV 10000	76.3	80.0	80.9	81.6	82.4	82.5	82.9	83.0	83.0	83.4	83.5	83.5	83.6	83.6	83.7	83.7
IV 9000	76.5	80.1	81.1	81.8	82.6	82.6	83.0	83.2	83.2	83.5	83.7	83.7	83.8	83.8	83.9	83.9
IV 8000	77.3	81.0	81.9	82.7	83.5	83.6	84.0	84.1	84.1	84.5	84.6	84.6	84.7	84.8	84.8	84.8
IV 7000	77.8	81.7	82.6	83.3	84.2	84.2	84.7	84.8	84.8	85.1	85.3	85.3	85.4	85.4	85.5	85.6
IV 6000	78.6	82.5	83.5	84.2	85.1	85.2	85.6	85.7	85.7	86.1	86.3	86.3	86.4	86.4	86.5	86.5
IV 5000	79.4	83.5	84.5	85.3	86.2	86.3	86.7	86.8	86.8	87.2	87.4	87.4	87.5	87.5	87.6	87.6
IV 4500	79.8	83.8	84.8	85.6	86.5	86.6	87.1	87.2	87.2	87.6	87.7	87.7	87.9	87.9	88.0	88.0
IV 4000	80.2	84.4	85.5	86.3	87.2	87.3	87.8	87.9	87.9	88.3	88.4	88.4	88.6	88.6	88.7	88.7
IV 3500	80.5	84.7	85.8	86.5	87.5	87.6	88.1	88.2	88.2	88.6	88.7	88.7	88.9	88.9	89.0	89.0
IV 3000	80.9	85.3	86.4	87.2	88.2	88.3	88.8	88.9	88.9	89.4	89.5	89.5	89.6	89.7	89.7	89.8
IV 2500	81.4	85.9	87.0	87.9	88.8	88.9	89.4	89.6	89.6	90.0	90.1	90.1	90.3	90.3	90.4	90.4
IV 2000	81.9	86.6	87.8	88.6	89.6	89.7	90.2	90.3	90.4	90.8	90.9	90.9	91.1	91.1	91.2	91.2
IV 1800	82.0	86.8	87.9	88.8	89.8	89.9	90.4	90.6	90.6	91.0	91.1	91.1	91.3	91.3	91.4	91.4
IV 1500	82.5	87.5	88.7	89.6	90.6	90.7	91.2	91.3	91.4	91.8	91.9	91.9	92.1	92.2	92.2	92.3
IV 1200	82.9	88.1	89.3	90.2	91.2	91.4	91.9	92.1	92.1	92.6	92.7	92.7	92.9	92.9	93.0	93.0
IV 1000	83.2	88.8	90.1	91.1	92.1	92.2	92.8	93.1	93.1	93.6	93.7	93.7	93.9	94.0	94.0	94.1
IV 900	83.3	89.0	90.4	91.4	92.5	92.6	93.2	93.4	93.5	94.0	94.1	94.1	94.3	94.4	94.4	94.5
IV 800	83.5	89.4	90.8	91.9	93.0	93.1	93.7	94.0	94.0	94.5	94.7	94.7	94.9	95.0	95.1	95.1
IV 700	83.6	89.6	91.1	92.2	93.4	93.5	94.1	94.4	94.4	95.0	95.2	95.2	95.5	95.5	95.6	95.7
IV 600	83.8	89.9	91.4	92.6	93.7	93.9	94.5	94.8	94.8	95.5	95.7	95.7	96.0	96.0	96.1	96.2
IV 500	83.9	90.1	91.8	93.0	94.2	94.4	95.1	95.4	95.5	96.2	96.4	96.4	96.8	96.9	97.0	97.1
IV 400	83.9	90.3	92.0	93.3	94.6	94.7	95.5	95.9	96.0	96.7	97.0	97.0	97.4	97.5	97.6	97.7
IV 300	84.0	90.4	92.1	93.4	94.8	95.0	95.8	96.3	96.3	97.2	97.5	97.5	98.0	98.0	98.2	98.3
IV 200	84.0	90.4	92.1	93.5	94.9	95.1	95.9	96.4	96.5	97.4	97.7	97.8	98.3	98.4	98.5	98.7
IV 100	84.0	90.4	92.2	93.5	94.9	95.1	96.0	96.5	96.5	97.6	98.0	98.0	98.6	98.7	99.1	99.4
IV 0	84.0	90.4	92.2	93.5	94.9	95.1	96.0	96.5	96.5	97.6	98.0	98.0	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 18424

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.8	68.1	68.8	69.6	70.2	70.2	70.5	70.5	70.6	70.8	70.9	70.9	71.1	71.1	71.2	71.2
IV 20000	73.2	77.0	77.7	78.5	79.2	79.2	79.5	79.5	79.6	79.8	79.9	79.9	80.1	80.1	80.2	80.2
IV 18000	73.4	77.1	77.9	78.6	79.3	79.4	79.6	79.7	79.7	80.0	80.1	80.1	80.2	80.3	80.3	80.4
IV 16000	73.8	77.5	78.3	79.0	79.7	79.8	80.0	80.1	80.1	80.4	80.5	80.5	80.7	80.7	80.8	80.8
IV 14000	74.5	78.3	79.1	79.9	80.5	80.6	80.9	81.0	81.0	81.3	81.4	81.4	81.5	81.6	81.6	81.7
IV 12000	75.9	79.8	80.6	81.4	82.1	82.2	82.5	82.5	82.6	82.9	82.9	83.0	83.1	83.2	83.2	83.3
IV 10000	77.3	81.4	82.2	83.0	83.7	83.7	84.0	84.1	84.1	84.4	84.5	84.5	84.7	84.7	84.8	84.8
IV 9000	77.6	81.6	82.5	83.3	84.0	84.0	84.3	84.4	84.4	84.7	84.8	84.8	85.0	85.0	85.1	85.2
IV 8000	78.4	82.6	83.5	84.3	85.0	85.1	85.4	85.5	85.5	85.8	85.9	85.9	86.1	86.1	86.2	86.3
IV 7000	79.0	83.2	84.1	84.9	85.6	85.7	86.0	86.1	86.1	86.4	86.5	86.5	86.7	86.7	86.8	86.8
IV 6000	79.7	84.0	84.9	85.8	86.5	86.6	86.9	87.0	87.0	87.3	87.4	87.4	87.6	87.7	87.7	87.8
IV 5000	80.9	85.3	86.2	87.1	87.8	87.9	88.3	88.4	88.4	88.7	88.8	88.8	89.0	89.1	89.1	89.2
IV 4500	81.2	85.7	86.6	87.4	88.2	88.3	88.6	88.7	88.7	89.1	89.2	89.2	89.4	89.4	89.5	89.6
IV 4000	82.1	86.7	87.7	88.6	89.3	89.5	89.8	89.9	89.9	90.3	90.4	90.4	90.6	90.7	90.8	90.8
IV 3500	82.6	87.2	88.2	89.0	89.8	90.0	90.4	90.5	90.5	90.9	91.0	91.0	91.2	91.3	91.3	91.4
IV 3000	83.3	88.0	89.0	89.9	90.7	90.8	91.2	91.3	91.3	91.7	91.9	91.9	92.1	92.1	92.2	92.3
IV 2500	84.0	88.9	89.9	90.8	91.6	91.7	92.1	92.2	92.3	92.7	92.8	92.8	93.0	93.1	93.1	93.2
IV 2000	84.6	89.6	90.6	91.5	92.3	92.4	92.8	93.0	93.0	93.4	93.5	93.5	93.8	93.8	93.9	94.0
IV 1800	84.8	89.9	90.9	91.8	92.6	92.8	93.2	93.3	93.3	93.7	93.8	93.8	94.1	94.1	94.2	94.3
IV 1500	85.4	90.6	91.5	92.5	93.4	93.5	93.9	94.0	94.0	94.4	94.6	94.6	94.8	94.9	94.9	95.0
IV 1200	85.9	91.3	92.2	93.2	94.1	94.2	94.7	94.8	94.8	95.2	95.3	95.4	95.6	95.6	95.7	95.8
IV 1000	86.3	91.9	92.9	93.9	94.8	94.9	95.3	95.5	95.5	95.9	96.0	96.1	96.3	96.3	96.4	96.5
IV 900	86.6	92.3	93.3	94.3	95.2	95.4	95.8	95.9	95.9	96.4	96.5	96.5	96.8	96.8	96.9	97.0
IV 800	86.8	92.7	93.7	94.8	95.7	95.8	96.3	96.4	96.4	96.8	97.0	97.0	97.2	97.3	97.3	97.4
IV 700	87.0	93.0	94.1	95.2	96.1	96.3	96.7	96.8	96.9	97.3	97.4	97.4	97.7	97.7	97.8	97.9
IV 600	87.1	93.3	94.4	95.5	96.6	96.7	97.1	97.3	97.3	97.7	97.9	97.9	98.1	98.2	98.2	98.3
IV 500	87.2	93.5	94.6	95.8	96.9	97.1	97.5	97.7	97.7	98.1	98.3	98.3	98.5	98.6	98.7	98.7
IV 400	87.2	93.6	94.8	96.1	97.2	97.4	97.8	98.0	98.0	98.5	98.6	98.7	98.9	99.0	99.1	99.2
IV 300	87.2	93.6	94.9	96.2	97.3	97.5	98.0	98.2	98.2	98.7	98.9	98.9	99.2	99.2	99.3	99.4
IV 200	87.2	93.7	94.9	96.2	97.4	97.5	98.1	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.5	99.6
IV 100	87.2	93.7	94.9	96.2	97.4	97.5	98.1	98.3	98.3	98.9	99.1	99.1	99.5	99.5	99.7	99.8
IV 0	87.2	93.7	94.9	96.2	97.4	97.5	98.1	98.3	98.3	98.9	99.1	99.1	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 17851

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	65.7	67.4	67.7	67.9	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3
IV 18000	74.1	76.3	76.6	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
IV 16000	74.3	76.5	76.8	77.1	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6
IV 14000	74.6	76.8	77.1	77.4	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9
IV 12000	75.4	77.7	78.1	78.3	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9
IV 10000	76.6	78.9	79.3	79.6	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
IV 9000	78.1	80.3	80.9	81.2	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8
IV 8000	78.4	80.8	81.2	81.5	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1
IV 7000	79.3	81.9	82.3	82.6	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.2
IV 6000	80.0	82.5	82.9	83.2	83.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9
IV 5000	81.0	83.6	84.1	84.4	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1
IV 4500	82.7	85.6	86.1	86.5	86.8	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3
IV 4000	83.1	86.2	86.7	87.1	87.4	87.5	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9
IV 3500	84.5	87.8	88.3	88.7	89.1	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6
IV 3000	85.0	88.4	89.0	89.4	89.8	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3
IV 2500	85.8	89.4	90.0	90.4	90.8	90.9	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4
IV 2000	86.4	90.1	90.7	91.2	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1
IV 1800	87.4	91.2	91.8	92.3	92.7	92.8	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.3	93.3	93.3
IV 1500	87.7	91.5	92.1	92.6	93.0	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6
IV 1200	88.4	92.4	93.0	93.5	93.9	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5
IV 1000	89.2	93.3	93.9	94.4	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.5	95.5	95.5
IV 900	89.8	94.2	94.9	95.4	95.9	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.5	96.5	96.5
IV 800	89.9	94.4	95.2	95.7	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.8	96.8	96.8
IV 700	90.1	94.8	95.5	96.1	96.6	96.6	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2
IV 600	90.3	95.2	96.0	96.5	97.1	97.1	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7
IV 500	90.4	95.4	96.2	96.9	97.4	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1
IV 400	90.5	95.6	96.6	97.3	97.9	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6
IV 300	90.5	95.8	96.7	97.5	98.1	98.3	98.6	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 200	90.6	95.8	96.9	97.7	98.4	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4
IV 100	90.6	95.9	96.9	97.7	98.4	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6
IV 0	90.6	95.9	96.9	97.7	98.4	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 18484

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.1	71.6	71.9	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
IV 20000	78.1	79.7	80.0	80.2	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 18000	78.2	79.9	80.2	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8
IV 16000	78.4	80.1	80.5	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 14000	79.1	80.8	81.2	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
IV 12000	80.6	82.3	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3
IV 10000	82.5	84.3	84.6	84.9	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3
IV 9000	82.9	84.7	85.0	85.2	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.7
IV 8000	83.8	85.7	86.1	86.3	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 7000	84.7	86.7	87.0	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7
IV 6000	86.3	88.4	88.8	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5
IV 5000	88.4	90.8	91.3	91.5	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 4500	88.7	91.1	91.6	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
IV 4000	89.9	92.6	93.1	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
IV 3500	90.2	92.9	93.4	93.7	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3
IV 3000	90.8	93.5	94.1	94.4	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0
IV 2500	91.3	94.1	94.6	95.0	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6
IV 2000	92.1	95.0	95.5	95.9	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5
IV 1800	92.3	95.2	95.7	96.1	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7
IV 1500	92.8	95.8	96.3	96.7	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
IV 1200	93.3	96.3	96.9	97.3	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
IV 1000	93.6	96.7	97.3	97.7	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IV 900	93.8	96.9	97.5	97.9	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
IV 800	94.0	97.1	97.8	98.1	98.5	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9
IV 700	94.1	97.3	97.9	98.3	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1
IV 600	94.2	97.5	98.1	98.5	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
IV 500	94.3	97.7	98.3	98.8	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7
IV 400	94.4	97.7	98.4	98.9	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
IV 300	94.4	97.7	98.4	98.9	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	94.4	97.7	98.4	98.9	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0
IV 100	94.4	97.7	98.4	98.9	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0
IV 0	94.4	97.7	98.4	98.9	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

17620

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.5	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 20000	75.0	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 18000	75.0	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 16000	75.2	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 14000	76.6	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 12000	79.5	80.0	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 10000	82.8	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 9000	83.2	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 8000	84.9	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 7000	85.8	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 6000	87.6	88.6	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 5000	91.0	92.3	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 4500	91.2	92.6	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 4000	93.2	94.7	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
IV 3500	93.5	95.2	95.5	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 3000	94.0	95.9	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7
IV 2500	94.4	96.3	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
IV 2000	94.7	96.7	97.0	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1800	94.7	96.8	97.1	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	95.0	97.1	97.4	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200	95.2	97.4	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
IV 1000	95.4	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	95.5	97.8	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
IV 800	95.6	98.0	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 700	95.8	98.1	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	95.8	98.3	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
IV 500	95.9	98.3	98.7	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	95.9	98.4	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
IV 300	95.9	98.4	98.8	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 200	95.9	98.4	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 100	95.9	98.4	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 0	95.9	98.4	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 18112

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	68.2	68.8	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 20000	75.9	76.6	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 18000	76.0	76.7	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 16000	76.1	76.8	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 14000	76.9	77.5	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0
IV 12000	79.5	80.2	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 10000	82.8	83.6	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 9000	83.5	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
IV 8000	85.0	85.9	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 7000	85.8	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 6000	87.4	88.4	88.6	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 5000	90.2	91.6	91.8	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 4500	90.6	92.0	92.3	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 4000	92.3	93.9	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
IV 3500	92.7	94.4	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 3000	93.3	95.0	95.3	95.6	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2500	93.6	95.5	95.8	96.1	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2000	94.1	96.0	96.4	96.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	94.2	96.1	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	94.5	96.6	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	94.8	97.0	97.3	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 1000	95.1	97.3	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 900	95.2	97.5	97.9	98.2	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 800	95.3	97.6	98.0	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
IV 700	95.4	97.8	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	95.5	97.9	98.4	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	95.6	98.0	98.6	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	95.6	98.1	98.6	99.1	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	95.7	98.1	98.7	99.2	99.5	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	95.7	98.2	98.7	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	95.7	98.2	98.7	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	95.7	98.2	98.7	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 18406

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.6	70.4	70.6	70.7	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 20000	74.9	75.7	75.9	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5
IV 18000	75.0	75.8	76.1	76.2	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7
IV 16000	75.2	76.0	76.3	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.9
IV 14000	76.0	76.9	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7
IV 12000	77.9	78.8	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7
IV 10000	80.0	80.9	81.2	81.3	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
IV 9000	80.2	81.3	81.5	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2
IV 8000	81.1	82.2	82.5	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.2
IV 7000	81.7	82.9	83.2	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.9
IV 6000	82.7	84.0	84.3	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.0
IV 5000	83.9	85.4	85.7	85.8	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.4
IV 4500	84.3	85.8	86.1	86.3	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8
IV 4000	85.2	86.8	87.2	87.4	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9
IV 3500	85.5	87.1	87.5	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3
IV 3000	86.1	87.9	88.3	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.1
IV 2500	86.7	88.6	89.0	89.3	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.9
IV 2000	87.7	89.8	90.2	90.4	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1
IV 1800	88.0	90.2	90.6	90.9	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5
IV 1500	88.6	90.9	91.3	91.6	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3
IV 1200	89.3	91.7	92.2	92.5	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2
IV 1000	89.9	92.6	93.2	93.5	93.9	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3
IV 900	90.3	93.2	93.8	94.1	94.5	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	95.0
IV 800	90.6	93.7	94.3	94.7	95.1	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.6	95.6
IV 700	91.0	94.4	95.1	95.5	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.5
IV 600	91.3	95.0	95.7	96.3	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3
IV 500	91.5	95.5	96.3	97.0	97.5	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.2
IV 400	91.6	95.8	96.8	97.5	98.1	98.2	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9
IV 300	91.6	95.9	96.9	97.6	98.2	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.3	99.4
IV 200	91.6	96.0	96.9	97.7	98.3	98.4	98.8	99.0	99.0	99.2	99.3	99.3	99.3	99.5	99.6	99.7
IV 100	91.6	96.0	96.9	97.7	98.3	98.4	98.8	99.0	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.9
IV 0	91.6	96.0	96.9	97.7	98.3	98.4	98.8	99.0	99.1	99.2	99.3	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 17808

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	73.2	74.1	74.3	74.5	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0
IV 18000	78.2	79.2	79.4	79.5	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1
IV 16000	78.2	79.3	79.5	79.6	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2
IV 14000	78.7	79.8	80.0	80.2	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7
IV 12000	79.9	81.0	81.2	81.4	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
IV 10000	81.0	82.2	82.4	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2
IV 9000	81.2	82.4	82.7	82.8	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4
IV 8000	82.0	83.3	83.5	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.3
IV 7000	82.6	83.7	83.9	84.1	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7
IV 6000	83.0	84.4	84.6	84.8	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4
IV 5000	83.8	85.2	85.5	85.6	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.3
IV 4500	84.0	85.4	85.7	85.9	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
IV 4000	84.7	86.1	86.4	86.6	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
IV 3500	85.1	86.6	86.9	87.1	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.8
IV 3000	85.6	87.3	87.6	87.8	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5
IV 2500	86.4	88.2	88.5	88.7	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.4
IV 2000	87.1	88.9	89.2	89.4	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
IV 1800	87.3	89.2	89.5	89.7	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4
IV 1500	88.0	90.0	90.3	90.6	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3
IV 1200	88.6	90.8	91.2	91.5	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.3
IV 1000	89.1	91.5	91.9	92.3	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.1
IV 900	89.4	91.9	92.4	92.8	93.2	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6
IV 800	89.7	92.4	93.0	93.4	93.8	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
IV 700	90.0	92.9	93.5	94.0	94.5	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
IV 600	90.1	93.3	94.0	94.5	95.1	95.2	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.6
IV 500	90.4	93.9	94.7	95.4	96.2	96.2	96.4	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.9
IV 400	90.5	94.2	95.2	95.9	96.8	96.8	97.2	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.8	97.8
IV 300	90.6	94.4	95.4	96.2	97.1	97.1	97.7	97.9	97.9	98.2	98.2	98.2	98.3	98.3	98.4	98.5
IV 200	90.6	94.4	95.4	96.2	97.2	97.3	97.9	98.1	98.2	98.5	98.6	98.6	98.8	98.9	99.0	99.1
IV 100	90.6	94.4	95.4	96.3	97.3	97.3	98.0	98.2	98.3	98.7	98.8	98.8	99.2	99.2	99.4	99.6
IV 0	90.6	94.4	95.4	96.3	97.3	97.4	98.0	98.2	98.3	98.7	98.8	98.8	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 18380

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.7	72.7	72.9	73.1	73.5	73.5	73.6	73.7	73.7	73.6	73.8	73.8	73.8	73.8	73.9	73.9
≥ 20000	77.7	78.7	78.9	79.1	79.5	79.5	79.7	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0
IV 18000	77.7	78.8	79.0	79.2	79.6	79.6	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1
IV 16000	78.0	79.0	79.2	79.4	79.8	79.8	80.0	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.3
IV 14000	78.9	80.0	80.2	80.4	80.8	80.8	81.0	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.3	81.3
IV 12000	80.4	81.6	81.7	82.0	82.4	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.9
IV 10000	82.0	83.1	83.3	83.5	83.9	84.0	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.5
IV 9000	82.0	83.2	83.4	83.6	84.0	84.0	84.2	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.6
IV 8000	82.6	83.8	84.0	84.2	84.6	84.6	84.8	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1
IV 7000	83.0	84.2	84.4	84.7	85.0	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.6
IV 6000	83.5	84.8	84.9	85.2	85.6	85.6	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.1
IV 5000	84.2	85.5	85.7	86.0	86.4	86.4	86.6	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.9
IV 4500	84.6	85.9	86.1	86.4	86.8	86.8	87.0	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3
IV 4000	85.4	86.8	87.0	87.3	87.7	87.7	87.9	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.2
IV 3500	85.7	87.2	87.4	87.6	88.0	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.6
IV 3000	86.2	87.8	88.0	88.3	88.7	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.3
IV 2500	86.8	88.6	88.8	89.1	89.5	89.6	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.1
IV 2000	87.5	89.4	89.7	90.0	90.4	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	91.0
IV 1800	87.7	89.7	90.0	90.3	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.3
IV 1500	88.4	90.5	90.8	91.1	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.2
IV 1200	88.9	91.3	91.7	92.0	92.4	92.5	92.7	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.1
IV 1000	89.4	91.9	92.3	92.7	93.2	93.2	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.9
IV 900	89.6	92.2	92.6	93.0	93.5	93.6	93.8	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.3
IV 800	89.8	92.5	93.0	93.4	93.9	94.0	94.2	94.3	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.7
IV 700	90.1	92.9	93.4	93.8	94.4	94.4	94.7	94.7	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.2
IV 600	90.3	93.3	93.8	94.3	94.9	94.9	95.2	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.8	95.9
IV 500	90.5	93.7	94.3	94.9	95.6	95.6	96.0	96.0	96.1	96.3	96.4	96.4	96.6	96.6	96.6	96.7
IV 400	90.5	93.9	94.6	95.3	96.1	96.2	96.6	96.7	96.7	97.0	97.1	97.1	97.3	97.3	97.4	97.5
IV 300	90.6	94.0	94.8	95.6	96.4	96.5	97.0	97.2	97.2	97.6	97.7	97.7	98.0	98.0	98.1	98.3
IV 200	90.6	94.1	94.8	95.6	96.4	96.6	97.2	97.3	97.4	97.5	98.0	98.1	98.2	98.5	98.6	98.9
IV 100	90.6	94.1	94.9	95.6	96.5	96.6	97.2	97.4	97.5	98.2	98.4	98.4	98.9	99.0	99.2	99.6
IV 0	90.6	94.1	94.9	95.6	96.5	96.6	97.2	97.4	97.5	98.2	98.4	98.4	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

17311

USAF ETAC

FORM
14-44

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.7	69.8	70.2	70.4	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.4
≥ 20000	76.3	77.8	78.2	78.5	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.5	79.5	79.5	79.6
IV 18000	76.4	77.9	78.3	78.6	79.1	79.1	79.3	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.7	79.7
IV 16000	76.7	78.3	78.7	79.0	79.5	79.5	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.1	80.1
IV 14000	77.9	79.5	80.0	80.3	80.8	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.4
IV 12000	79.6	81.4	81.8	82.1	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.2	83.2	83.2	83.3
IV 10000	81.0	82.9	83.4	83.7	84.2	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.8	84.9
IV 9000	81.3	83.2	83.7	84.0	84.5	84.5	84.7	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.1	85.2
IV 8000	81.9	83.9	84.4	84.7	85.2	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.8	85.9
IV 7000	82.4	84.4	84.8	85.2	85.7	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.3	86.4
IV 6000	82.8	84.8	85.3	85.7	86.2	86.3	86.4	86.5	86.5	86.6	86.6	86.6	86.8	86.8	86.8	86.9
IV 5000	83.4	85.6	86.1	86.4	87.0	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.6	87.7
IV 4500	83.7	85.9	86.4	86.8	87.3	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.9	88.0
IV 4000	84.1	86.3	86.9	87.2	87.8	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.4	88.5
IV 3000	84.3	86.6	87.1	87.5	88.1	88.1	88.3	88.3	88.4	88.4	88.5	88.5	88.6	88.6	88.7	88.8
IV 3000	84.7	87.0	87.6	88.0	88.5	88.6	88.8	88.8	88.8	88.9	88.9	89.0	89.1	89.1	89.2	89.2
IV 2500	85.0	87.4	88.0	88.4	89.0	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.7
IV 2000	85.4	88.0	88.6	89.0	89.7	89.7	89.9	90.0	90.0	90.2	90.2	90.2	90.4	90.4	90.4	90.5
IV 1800	85.6	88.2	88.8	89.3	89.9	89.9	90.2	90.3	90.3	90.4	90.4	90.4	90.6	90.6	90.7	90.8
IV 1500	85.9	88.7	89.3	89.7	90.4	90.4	90.7	90.8	90.8	91.0	91.0	91.0	91.2	91.2	91.2	91.3
IV 1200	86.3	89.2	89.8	90.3	90.9	91.0	91.3	91.4	91.4	91.6	91.6	91.6	91.8	91.8	91.8	91.9
IV 1000	86.6	89.6	90.3	90.9	91.6	91.6	91.9	92.1	92.1	92.3	92.3	92.4	92.6	92.6	92.7	92.8
IV 900	86.8	90.0	90.6	91.2	92.0	92.0	92.4	92.5	92.6	92.8	92.8	92.8	93.1	93.1	93.1	93.2
IV 800	87.0	90.4	91.1	91.7	92.4	92.5	92.9	93.1	93.1	93.3	93.4	93.4	93.7	93.7	93.8	93.8
IV 700	87.2	90.8	91.5	92.2	93.0	93.1	93.5	93.7	93.7	93.9	94.0	94.0	94.4	94.4	94.5	94.6
IV 600	87.4	91.1	91.9	92.6	93.5	93.6	94.0	94.2	94.2	94.5	94.6	94.6	95.0	95.0	95.1	95.2
IV 500	87.5	91.5	92.3	93.2	94.1	94.2	94.7	94.9	95.0	95.3	95.4	95.4	95.8	95.9	96.0	96.1
IV 400	87.6	91.7	92.6	93.5	94.6	94.6	95.3	95.6	95.6	96.0	96.1	96.2	96.6	96.7	96.8	96.9
IV 300	87.6	91.9	92.8	93.8	94.9	95.1	95.7	96.0	96.1	96.5	96.8	97.3	97.3	97.3	97.6	97.7
IV 200	87.7	91.9	92.9	93.6	95.0	95.2	95.8	96.3	96.4	97.0	97.4	97.4	98.0	98.1	98.5	98.7
IV 100	87.7	91.9	92.9	93.8	95.0	95.2	95.9	96.3	96.4	97.1	97.6	97.7	98.5	98.7	99.2	99.7
IV 0	87.7	91.9	92.9	93.8	95.0	95.2	95.9	96.3	96.4	97.1	97.6	97.7	98.6	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

18262

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS/ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	78.4	79.5	79.5	79.6	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.3
IV 20000	83.2	84.3	84.5	84.7	85.0	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.4
IV 18000	83.3	84.4	84.6	84.8	85.0	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.5
IV 16000	83.3	84.5	84.7	84.9	85.1	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5
IV 14000	84.0	85.2	85.4	85.5	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.2
IV 12000	85.0	86.2	86.4	86.6	86.8	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2
IV 10000	86.4	87.7	87.8	88.0	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.7
IV 9000	86.6	87.9	88.1	88.2	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.9
IV 8000	86.9	88.4	88.5	88.7	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.4
IV 7000	87.3	88.7	88.9	89.1	89.4	89.4	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.8
IV 6000	88.3	89.8	89.9	90.2	90.4	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8
IV 5000	89.0	90.5	90.7	90.9	91.2	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
IV 4500	89.3	90.8	91.0	91.2	91.5	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9	92.0
IV 4000	89.5	91.2	91.3	91.6	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.3
IV 3500	89.7	91.4	91.6	91.8	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.5
IV 3000	90.1	91.7	91.9	92.1	92.4	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.9
IV 2500	90.3	92.1	92.3	92.5	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.3
IV 2000	90.6	92.4	92.6	92.9	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.6
IV 1800	90.6	92.5	92.8	93.0	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.8
IV 1500	91.0	93.0	93.4	93.7	94.0	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.5
IV 1200	91.2	93.4	93.7	94.1	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.9
IV 1000	91.6	93.9	94.3	94.7	95.0	95.1	95.2	95.2	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.6
IV 900	91.7	94.1	94.6	95.0	95.3	95.4	95.5	95.5	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.9
IV 800	92.0	94.4	94.9	95.3	95.7	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.3
IV 700	92.1	94.6	95.2	95.6	96.0	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.6
IV 600	92.1	94.8	95.4	95.8	96.2	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.8	96.9
IV 500	92.2	95.0	95.6	96.0	96.5	96.6	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.2
IV 400	92.2	95.2	95.8	96.4	96.9	97.2	97.4	97.4	97.5	97.7	97.8	97.8	97.9	98.0	98.0	98.1
IV 300	92.2	95.2	95.9	96.5	97.1	97.4	97.6	97.7	97.8	98.0	98.2	98.2	98.2	98.3	98.3	98.7
IV 200	92.2	95.2	96.0	96.6	97.2	97.4	97.7	97.8	97.8	98.2	98.3	98.3	98.6	98.6	99.0	99.1
IV 100	92.2	95.2	96.0	96.6	97.2	97.4	97.7	97.8	97.9	98.2	98.4	98.4	98.7	98.7	99.2	99.6
IV 0	92.2	95.2	96.0	96.6	97.2	97.4	97.7	97.8	97.9	98.2	98.4	98.4	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2227

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.1	77.9	78.0	78.0	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.7
IV 20000	81.3	82.2	82.2	82.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	83.0
IV 18000	81.5	82.4	82.4	82.5	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.2
IV 16000	81.5	82.4	82.4	82.5	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.2
IV 14000	82.3	83.2	83.2	83.3	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	84.0
IV 12000	83.1	84.1	84.1	84.2	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.9
IV 10000	84.0	85.1	85.1	85.2	85.4	85.4	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.9
IV 9000	84.3	85.3	85.3	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.1
IV 8000	84.6	85.6	85.7	85.7	85.9	85.9	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.5
IV 7000	84.7	85.7	85.8	85.8	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.6
IV 6000	85.7	86.8	86.9	86.9	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
IV 5000	86.8	88.1	88.2	88.2	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	89.0
IV 4000	87.2	88.5	88.6	88.6	88.8	88.8	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.3	89.5
IV 3000	87.4	88.8	88.9	88.9	89.1	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.8
IV 2500	87.7	89.1	89.2	89.2	89.5	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	90.1
IV 2000	88.0	89.5	89.6	89.6	89.8	89.8	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.4
IV 1800	88.7	90.3	90.3	90.4	90.6	90.6	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.3
IV 1600	89.1	90.9	90.9	91.0	91.2	91.2	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.8
IV 1400	89.3	91.2	91.3	91.4	91.6	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.3
IV 1200	89.7	91.8	92.0	92.1	92.3	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	93.0
IV 1000	90.2	92.5	92.7	92.9	93.1	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.8
IV 900	90.7	93.0	93.2	93.5	93.7	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.4
IV 800	90.9	93.4	93.5	93.8	94.0	94.0	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.8
IV 700	91.2	93.7	93.9	94.2	94.4	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	95.1
IV 600	91.3	93.9	94.1	94.3	94.6	94.6	94.8	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.4
IV 500	91.4	94.2	94.5	94.8	95.0	95.0	95.3	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.9
IV 400	91.5	94.4	94.8	95.2	95.4	95.4	95.7	95.7	95.8	95.8	96.0	96.0	96.1	96.2	96.3	96.5
IV 300	91.5	94.5	95.0	95.4	95.8	95.8	96.2	96.2	96.3	96.4	96.6	96.6	96.7	96.8	97.0	97.1
IV 200	91.6	94.7	95.2	95.6	96.0	96.0	96.5	96.7	96.8	97.0	97.4	97.4	97.6	97.7	97.9	98.2
IV 100	91.6	94.7	95.2	95.7	96.1	96.1	96.7	96.9	97.0	97.1	97.3	97.3	97.8	98.0	98.4	98.8
IV 0	91.6	94.7	95.2	95.7	96.1	96.2	96.8	97.0	97.1	97.3	97.8	98.0	98.4	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.7	69.3	69.4	69.6	70.1	70.1	70.3	70.3	70.3	70.4	70.5	70.5	70.7	70.7	70.7	70.9
≥ 20000	74.6	76.6	76.7	77.0	77.6	77.6	77.7	77.8	77.8	77.9	78.0	78.0	78.1	78.2	78.2	78.4
IV 18000	74.9	76.8	77.0	77.2	77.8	77.8	78.0	78.0	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.7
IV 16000	74.9	76.8	77.0	77.2	77.8	77.8	78.0	78.0	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.7
IV 14000	76.3	78.3	78.4	78.7	79.3	79.3	79.4	79.5	79.5	79.6	79.7	79.7	79.8	79.9	79.9	80.1
IV 12000	78.7	80.8	81.0	81.3	81.9	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.5	82.6	82.6	82.8
IV 10000	80.0	82.2	82.4	82.7	83.3	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.9	84.0	84.0	84.2
IV 9000	80.2	82.4	82.6	82.9	83.6	83.6	83.7	83.8	83.8	83.9	84.0	84.0	84.1	84.2	84.2	84.4
IV 8000	81.4	83.6	83.8	84.2	84.8	84.8	85.0	85.1	85.1	85.2	85.3	85.3	85.4	85.5	85.5	85.7
IV 7000	81.9	84.2	84.4	84.8	85.4	85.4	85.6	85.7	85.7	85.8	85.8	85.8	86.0	86.1	86.1	86.3
IV 6000	82.5	84.8	85.0	85.4	86.0	86.0	86.2	86.3	86.3	86.4	86.5	86.5	86.6	86.7	86.7	86.9
IV 5000	83.2	85.6	85.9	86.3	87.0	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.6	87.6	87.6	87.9
IV 4500	83.4	85.8	86.0	86.4	87.1	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.7	87.8	87.8	88.0
IV 4000	83.6	86.1	86.4	86.8	87.5	87.5	87.7	87.7	87.7	87.9	87.9	87.9	88.1	88.1	88.1	88.4
IV 3500	83.9	86.6	86.9	87.3	87.9	87.9	88.2	88.2	88.2	88.4	88.4	88.4	88.6	88.6	88.6	88.8
IV 3000	84.1	86.8	87.1	87.6	88.3	88.3	88.5	88.6	88.6	88.7	88.8	88.8	88.9	89.0	89.0	89.2
IV 2500	84.7	87.6	88.0	88.5	89.2	89.2	89.4	89.5	89.5	89.6	89.7	89.7	89.8	89.9	89.9	90.1
IV 2000	85.2	88.2	88.7	89.3	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.7	90.8	90.8	91.0
IV 1800	85.4	88.6	89.1	89.7	90.5	90.5	90.7	90.8	90.8	90.9	90.9	90.9	91.1	91.2	91.2	91.4
IV 1500	85.6	88.9	89.4	90.1	90.8	90.8	91.0	91.1	91.1	91.3	91.3	91.3	91.5	91.5	91.5	91.8
IV 1200	85.7	89.2	89.7	90.4	91.1	91.1	91.3	91.4	91.4	91.6	91.6	91.6	91.8	91.8	91.8	92.1
IV 1000	86.0	89.7	90.2	90.9	91.8	91.8	92.0	92.2	92.2	92.3	92.4	92.4	92.6	92.7	92.7	92.9
IV 900	86.3	90.0	90.6	91.4	92.3	92.3	92.6	92.7	92.7	92.9	93.0	93.0	93.1	93.2	93.2	93.4
IV 800	86.4	90.1	90.9	91.7	92.7	92.7	93.0	93.1	93.1	93.3	93.4	93.4	93.6	93.7	93.7	93.9
IV 700	86.4	90.3	91.2	92.0	93.0	93.0	93.3	93.5	93.5	93.7	93.8	93.8	94.0	94.1	94.1	94.4
IV 600	86.6	90.7	91.5	92.5	93.5	93.5	93.8	94.0	94.0	94.2	94.3	94.3	94.5	94.5	94.6	94.8
IV 500	86.7	90.9	91.7	92.7	93.8	93.8	94.3	94.4	94.4	94.7	94.8	94.8	95.1	95.1	95.2	95.5
IV 400	86.8	91.1	91.9	93.0	94.1	94.2	94.9	95.2	95.2	95.6	95.7	95.7	96.1	96.2	96.3	96.6
IV 300	86.8	91.2	92.0	93.1	94.4	94.3	95.3	95.6	95.7	96.1	96.4	96.4	96.9	97.0	97.3	97.7
IV 200	86.8	91.2	92.0	93.1	94.4	94.5	95.3	95.7	95.8	96.4	96.8	96.8	97.4	97.4	97.9	98.4
IV 100	86.8	91.2	92.0	93.1	94.4	94.5	95.3	95.7	95.8	96.5	97.0	97.1	97.9	98.0	98.6	99.6
IV 0	86.8	91.2	92.0	93.1	94.4	94.5	95.3	95.7	95.8	96.5	97.0	97.1	97.9	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2232

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.4	64.0	64.3	64.8	64.9	65.0	65.2	65.3	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.6
IV 20000	74.5	76.5	77.1	77.6	77.9	78.0	78.1	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6
IV 18000	75.0	77.0	77.6	78.1	78.4	78.5	78.6	78.8	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1
IV 16000	75.6	77.6	78.2	78.8	79.0	79.1	79.3	79.4	79.4	79.7	79.7	79.7	79.8	79.8	79.8	79.8
IV 14000	77.4	79.5	80.1	80.7	80.9	81.0	81.1	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 12000	79.4	81.6	82.3	82.9	83.2	83.2	83.4	83.6	83.6	83.8	83.8	83.8	83.9	83.9	84.0	84.0
IV 10000	80.3	82.6	83.2	83.8	84.1	84.2	84.3	84.5	84.5	84.7	84.7	84.7	84.9	84.9	84.9	84.9
IV 9000	80.6	82.9	83.6	84.2	84.5	84.5	84.7	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.3	85.3
IV 8000	81.5	83.8	84.4	85.1	85.3	85.4	85.5	85.7	85.7	86.0	86.0	86.0	86.1	86.1	86.1	86.1
IV 7000	81.9	84.2	84.9	85.5	85.8	85.8	86.0	86.2	86.2	86.4	86.4	86.4	86.5	86.5	86.6	86.6
IV 6000	82.5	84.8	85.5	86.1	86.4	86.4	86.6	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.2	87.2
IV 5000	83.0	85.3	86.0	86.7	87.0	87.0	87.3	87.4	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8
IV 4500	83.1	85.5	86.1	86.8	87.1	87.2	87.4	87.6	87.6	87.8	87.8	87.8	87.9	87.9	88.0	88.0
IV 4000	83.3	85.8	86.4	87.1	87.4	87.5	87.7	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.3	88.3
IV 3500	83.6	86.1	86.8	87.4	87.8	87.8	88.1	88.2	88.2	88.5	88.5	88.5	88.6	88.6	88.6	88.6
IV 3000	84.0	86.6	87.3	88.0	88.3	88.4	88.7	88.9	88.9	89.1	89.1	89.1	89.3	89.3	89.3	89.3
IV 2500	84.4	87.1	87.8	88.5	88.9	88.9	89.2	89.4	89.4	89.7	89.7	89.7	89.8	89.8	89.9	89.9
IV 2000	84.9	87.8	88.6	89.3	89.7	89.7	90.0	90.3	90.3	90.5	90.5	90.5	90.7	90.7	90.7	90.7
IV 1800	84.9	87.8	88.6	89.4	89.8	89.8	90.1	90.4	90.4	90.6	90.6	90.6	90.8	90.8	90.8	90.8
IV 1500	85.3	88.5	89.3	90.2	90.7	90.7	91.0	91.2	91.2	91.5	91.5	91.5	91.7	91.7	91.7	91.7
IV 1200	85.7	89.0	89.8	90.8	91.3	91.3	91.7	92.0	92.0	92.3	92.3	92.3	92.5	92.5	92.5	92.5
IV 1000	86.3	89.8	90.7	91.8	92.5	92.5	92.9	93.2	93.2	93.5	93.5	93.5	93.7	93.7	93.8	93.8
IV 900	86.5	90.1	91.0	92.1	92.8	92.8	93.2	93.5	93.5	93.9	93.9	93.9	94.1	94.1	94.1	94.1
IV 800	86.5	90.3	91.2	92.4	93.1	93.2	93.6	93.9	93.9	94.3	94.3	94.3	94.5	94.5	94.5	94.5
IV 700	86.8	90.6	91.5	92.7	93.5	93.5	94.0	94.3	94.3	94.7	94.7	94.7	95.0	95.0	95.0	95.0
IV 600	86.8	90.8	91.9	93.2	94.0	94.1	94.6	94.9	94.9	95.3	95.3	95.3	95.6	95.6	95.6	95.7
IV 500	87.0	91.1	92.1	93.6	94.6	94.7	95.4	95.7	95.7	96.2	96.3	96.3	96.5	96.5	96.6	96.7
IV 400	87.0	91.1	92.2	93.8	94.9	95.1	95.9	96.3	96.4	96.9	97.1	97.1	97.5	97.5	97.8	98.0
IV 300	87.0	91.2	92.3	93.9	95.2	95.3	96.2	96.6	96.7	97.4	97.6	97.6	98.1	98.1	98.5	98.7
IV 200	87.0	91.2	92.3	93.9	95.2	95.3	96.3	96.7	96.8	97.6	98.0	98.0	98.7	98.7	99.1	99.4
IV 100	87.0	91.2	92.3	93.9	95.2	95.3	96.3	96.7	96.8	97.6	98.1	98.1	98.9	99.0	99.4	99.9
IV 0	87.0	91.2	92.3	93.9	95.2	95.3	96.3	96.7	96.8	97.6	98.1	98.1	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2228

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.3	65.0	65.2	65.7	65.8	65.8	66.1	66.2	66.2	66.4	66.4	66.4	66.5	66.6	66.7	66.7
IV 20000	76.3	78.2	78.6	79.2	79.5	79.5	79.9	80.1	80.1	80.4	80.4	80.4	80.4	80.5	80.7	80.7
IV 18000	76.7	78.7	79.0	79.6	79.9	79.9	80.3	80.5	80.5	80.8	80.8	80.8	80.8	80.9	81.1	81.1
IV 16000	77.1	79.1	79.4	80.1	80.3	80.3	80.8	80.9	80.9	81.2	81.2	81.2	81.3	81.4	81.5	81.5
IV 14000	78.5	80.5	80.8	81.5	81.7	81.7	82.2	82.3	82.3	82.6	82.6	82.6	82.7	82.8	82.9	82.9
IV 12000	80.6	82.9	83.1	83.8	84.1	84.1	84.6	84.7	84.7	85.0	85.0	85.0	85.1	85.2	85.3	85.3
IV 10000	82.6	85.0	85.2	85.9	86.2	86.2	86.7	86.8	86.8	87.2	87.2	87.2	87.2	87.3	87.4	87.4
IV 9000	83.0	85.4	85.6	86.3	86.6	86.6	87.1	87.2	87.2	87.6	87.6	87.6	87.6	87.7	87.8	87.8
IV 8000	84.0	86.3	86.6	87.3	87.6	87.6	88.0	88.2	88.2	88.5	88.5	88.5	88.6	88.7	88.8	88.8
IV 7000	84.2	86.5	86.8	87.6	87.8	87.8	88.3	88.5	88.5	88.8	88.8	88.8	88.9	88.9	89.1	89.1
IV 6000	84.5	86.9	87.2	88.0	88.2	88.2	88.7	88.9	88.9	89.2	89.2	89.2	89.3	89.3	89.5	89.5
IV 5000	84.8	87.3	87.6	88.4	88.7	88.7	89.3	89.4	89.4	89.8	89.8	89.8	89.9	90.0	90.2	90.2
IV 4500	85.0	87.5	87.8	88.6	88.9	88.9	89.5	89.6	89.6	90.0	90.0	90.0	90.1	90.2	90.3	90.3
IV 4000	85.4	87.9	88.2	89.0	89.3	89.3	89.9	90.1	90.1	90.5	90.5	90.5	90.6	90.7	90.8	90.8
IV 3500	85.6	88.0	88.4	89.2	89.5	89.5	90.1	90.3	90.3	90.7	90.7	90.7	90.9	91.0	91.1	91.1
IV 3000	86.1	88.6	89.0	89.7	90.1	90.1	90.7	90.9	90.9	91.3	91.3	91.3	91.5	91.5	91.7	91.7
IV 2500	86.5	89.2	89.6	90.3	90.7	90.7	91.3	91.5	91.5	91.9	91.9	91.9	92.0	92.1	92.3	92.3
IV 2000	87.4	90.1	90.5	91.3	91.6	91.6	92.2	92.4	92.4	92.8	92.8	92.8	93.0	93.1	93.2	93.2
IV 1800	87.6	90.3	90.7	91.5	91.9	91.9	92.4	92.6	92.6	93.0	93.0	93.0	93.2	93.3	93.4	93.4
IV 1500	88.3	91.1	91.6	92.4	92.8	92.8	93.4	93.6	93.6	94.0	94.0	94.0	94.2	94.3	94.4	94.4
IV 1200	88.7	91.9	92.5	93.4	93.8	93.8	94.4	94.6	94.6	95.0	95.0	95.0	95.2	95.3	95.4	95.4
IV 1000	88.9	92.3	93.0	93.9	94.4	94.4	95.0	95.2	95.2	95.6	95.7	95.7	95.8	95.9	96.1	96.1
IV 900	88.9	92.5	93.2	94.1	94.6	94.7	95.3	95.5	95.5	95.9	95.9	95.9	96.1	96.2	96.3	96.3
IV 800	89.0	92.8	93.5	94.4	94.9	95.0	95.7	95.9	95.9	96.3	96.3	96.3	96.5	96.6	96.7	96.7
IV 700	89.1	93.0	93.7	94.8	95.3	95.4	96.0	96.2	96.2	96.6	96.7	96.7	96.9	97.0	97.1	97.1
IV 600	89.3	93.2	94.0	95.1	95.7	95.8	96.4	96.6	96.6	97.0	97.1	97.1	97.3	97.4	97.5	97.5
IV 500	89.4	93.4	94.3	95.5	96.4	96.5	97.1	97.4	97.4	97.8	97.9	97.9	98.0	98.2	98.3	98.3
IV 400	89.4	93.4	94.4	95.7	96.5	96.6	97.4	97.6	97.6	98.1	98.3	98.3	98.5	98.6	98.8	98.8
IV 300	89.4	93.4	94.5	95.7	96.6	96.7	97.5	97.8	97.8	98.4	98.7	98.7	99.0	99.1	99.3	99.3
IV 200	89.4	93.4	94.5	95.7	96.6	96.7	97.5	97.9	97.9	98.6	98.9	98.9	99.2	99.4	99.8	99.8
IV 100	89.4	93.4	94.5	95.7	96.6	96.7	97.5	97.9	97.9	98.6	99.0	99.0	99.3	99.5	100.0	100.0
IV 0	89.4	93.4	94.5	95.7	96.6	96.7	97.5	97.9	97.9	98.6	99.0	99.0	99.3	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2234

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.5	64.9	65.1	65.4	65.5	65.5	65.5	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 20000	77.9	79.8	80.0	80.5	80.6	80.6	80.6	80.7	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 18000	78.2	80.1	80.4	80.8	80.9	80.9	80.9	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 16000	78.7	80.6	80.8	81.3	81.4	81.4	81.4	81.5	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 14000	80.1	82.0	82.3	82.8	82.9	82.9	82.9	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 12000	83.1	85.1	85.4	86.0	86.1	86.1	86.1	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 10000	85.4	87.5	87.8	88.4	88.4	88.4	88.5	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 9000	85.9	88.1	88.4	88.9	89.0	89.0	89.1	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 8000	86.6	88.7	89.0	89.6	89.7	89.7	89.7	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 7000	87.3	89.6	89.9	90.4	90.5	90.5	90.6	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 6000	88.2	90.4	90.7	91.3	91.4	91.4	91.4	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 5000	88.7	90.9	91.2	91.8	92.0	92.0	92.1	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 4500	88.8	91.1	91.4	92.0	92.2	92.2	92.3	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 4000	89.1	91.6	91.9	92.6	92.8	92.8	92.9	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 3500	89.3	91.8	92.2	92.8	93.1	93.1	93.2	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 3000	89.8	92.5	92.8	93.5	93.7	93.7	93.8	94.0	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 2500	90.0	92.7	93.1	93.7	94.0	94.0	94.1	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2000	90.5	93.3	93.7	94.4	94.7	94.7	94.8	94.9	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800	90.6	93.4	93.8	94.5	94.8	94.8	94.8	95.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1500	90.9	94.1	94.5	95.3	95.6	95.6	95.7	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1200	91.2	94.6	95.2	95.9	96.2	96.2	96.3	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	91.4	95.0	95.6	96.4	96.7	96.7	96.8	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	91.5	95.2	95.8	96.6	96.9	96.9	97.0	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 800	91.6	95.3	96.0	96.8	97.1	97.1	97.2	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 700	91.7	95.7	96.3	97.2	97.5	97.5	97.6	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	91.7	95.7	96.4	97.4	97.8	97.8	97.9	98.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 500	91.7	95.8	96.6	97.7	98.1	98.1	98.2	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	91.7	95.8	96.6	97.8	98.1	98.1	98.2	98.4	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.1
IV 300	91.7	95.8	96.6	97.8	98.1	98.1	98.2	98.4	98.4	99.1	99.1	99.2	99.4	99.4	99.4	99.4
IV 200	91.7	95.8	96.6	97.8	98.1	98.1	98.3	98.5	98.5	99.2	99.2	99.3	99.6	99.6	99.8	99.8
IV 100	91.7	95.8	96.6	97.8	98.1	98.1	98.3	98.5	98.5	99.3	99.3	99.4	99.8	99.8	100.0	100.0
IV 0	91.7	95.8	96.6	97.8	98.1	98.1	98.3	98.5	98.5	99.3	99.3	99.4	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2233

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS/EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.3	73.8	74.0	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 20000	81.9	83.8	84.0	84.2	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
IV 18000	82.2	84.0	84.3	84.4	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0
IV 16000	82.3	84.2	84.4	84.6	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
IV 14000	83.2	85.2	85.4	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 12000	85.7	87.7	87.9	88.1	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
IV 10000	87.0	88.9	89.2	89.3	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
IV 9000	87.2	89.2	89.5	89.6	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3
IV 8000	88.2	90.2	90.5	90.7	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 7000	88.9	91.0	91.3	91.5	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2
IV 6000	89.9	92.0	92.4	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
IV 5000	90.9	93.0	93.4	93.5	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
IV 4500	91.0	93.2	93.5	93.7	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
IV 4000	91.3	93.6	93.9	94.1	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
IV 3500	91.5	93.8	94.2	94.4	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
IV 3000	91.8	94.1	94.4	94.6	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2500	92.0	94.4	94.8	95.0	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
IV 2000	92.2	94.7	95.1	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
IV 1800	92.2	94.8	95.2	95.4	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
IV 1500	92.3	95.0	95.5	95.7	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
IV 1200	92.7	95.5	95.9	96.1	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
IV 1000	92.9	95.7	96.2	96.4	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 900	92.9	95.7	96.2	96.4	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
IV 800	93.0	95.9	96.4	96.6	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4
IV 700	93.2	96.1	96.6	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.6
IV 600	93.4	96.5	97.1	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2
IV 500	93.4	96.8	97.5	97.8	98.3	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9
IV 400	93.4	96.8	97.6	97.8	98.4	98.4	98.5	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.1
IV 300	93.4	96.9	97.6	97.9	98.5	98.5	98.6	98.8	98.8	99.2	99.2	99.2	99.4	99.5	99.5	99.6
IV 200	93.4	96.9	97.7	97.9	98.5	98.5	98.7	98.9	98.9	99.4	99.4	99.4	99.6	99.7	99.7	99.7
IV 100	93.4	96.9	97.7	97.9	98.5	98.5	98.7	98.9	98.9	99.4	99.5	99.5	99.7	99.8	99.9	100.0
IV 0	93.4	96.9	97.7	97.9	98.5	98.5	98.7	98.9	98.9	99.4	99.5	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2231

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.7	79.4	79.6	79.8	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.5	80.6	80.6	80.6
IV 20000	83.5	85.2	85.3	85.6	86.0	86.0	86.1	86.1	86.1	86.2	86.3	86.3	86.4	86.4	86.5	86.5
IV 18000	83.7	85.4	85.6	85.8	86.2	86.2	86.3	86.3	86.3	86.4	86.5	86.5	86.6	86.6	86.7	86.7
IV 16000	83.8	85.5	85.7	85.9	86.3	86.3	86.4	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.8	86.8
IV 14000	84.4	86.1	86.3	86.5	87.0	87.0	87.0	87.0	87.0	87.1	87.2	87.2	87.3	87.4	87.4	87.4
IV 12000	85.8	87.6	87.7	87.9	88.4	88.4	88.4	88.5	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8
IV 10000	87.0	88.8	88.9	89.1	89.6	89.6	89.6	89.7	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0
IV 9000	87.4	89.1	89.3	89.5	90.0	90.0	90.0	90.0	90.0	90.1	90.2	90.2	90.3	90.4	90.4	90.4
IV 8000	88.0	89.9	90.0	90.2	90.7	90.7	90.8	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.2	91.2
IV 7000	88.3	90.2	90.3	90.5	91.0	91.0	91.1	91.1	91.1	91.2	91.3	91.3	91.4	91.4	91.5	91.5
IV 6000	89.1	91.0	91.1	91.3	91.8	91.8	91.9	91.9	91.9	92.0	92.1	92.1	92.2	92.2	92.3	92.3
IV 5000	89.8	91.9	92.1	92.3	92.8	92.8	92.9	92.9	92.9	93.0	93.1	93.1	93.2	93.3	93.3	93.3
IV 4500	90.0	92.2	92.3	92.6	93.0	93.0	93.1	93.1	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5
IV 4000	90.2	92.4	92.6	92.8	93.3	93.3	93.3	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.8	93.8
IV 3500	90.4	92.6	92.9	93.1	93.6	93.6	93.6	93.7	93.7	93.8	93.9	93.9	94.0	94.0	94.1	94.1
IV 3000	90.8	93.0	93.2	93.5	93.9	94.0	94.0	94.1	94.1	94.2	94.3	94.3	94.4	94.4	94.5	94.5
IV 2500	91.0	93.3	93.5	93.8	94.3	94.3	94.3	94.4	94.4	94.5	94.6	94.6	94.7	94.8	94.8	94.8
IV 2000	91.2	93.5	93.8	94.0	94.6	94.6	94.7	94.7	94.7	94.8	94.9	94.9	95.0	95.1	95.1	95.1
IV 1800	91.2	93.5	93.8	94.0	94.6	94.6	94.7	94.7	94.7	94.8	94.9	94.9	95.0	95.1	95.1	95.1
IV 1500	91.4	93.8	94.1	94.3	95.0	95.0	95.1	95.1	95.1	95.2	95.3	95.3	95.4	95.5	95.5	95.5
IV 1200	91.5	94.0	94.3	94.7	95.3	95.3	95.4	95.4	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8
IV 1000	91.6	94.2	94.6	94.9	95.5	95.6	95.6	95.7	95.7	95.8	95.9	95.9	96.1	96.1	96.1	96.1
IV 900	91.7	94.3	94.8	95.1	95.7	95.7	95.8	95.8	95.8	96.0	96.1	96.1	96.2	96.3	96.3	96.3
IV 800	91.9	94.6	95.1	95.4	96.1	96.1	96.2	96.3	96.3	96.4	96.5	96.5	96.7	96.8	96.8	96.8
IV 700	92.0	94.7	95.2	95.6	96.3	96.3	96.5	96.5	96.5	96.6	96.7	96.7	97.0	97.0	97.0	97.0
IV 600	92.0	95.0	95.6	96.0	96.6	96.7	97.0	97.0	97.0	97.2	97.3	97.3	97.5	97.5	97.6	97.6
IV 500	92.2	95.3	96.0	96.5	97.3	97.3	97.6	97.6	97.6	97.8	97.9	97.9	98.2	98.2	98.3	98.3
IV 400	92.2	95.5	96.2	96.8	97.7	97.7	98.0	98.0	98.0	98.3	98.4	98.4	98.7	98.7	98.8	98.8
IV 300	92.2	95.5	96.4	96.9	97.8	97.9	98.3	98.4	98.4	98.7	98.8	98.8	99.1	99.2	99.3	99.3
IV 200	92.2	95.5	96.4	96.9	97.8	97.9	98.4	98.5	98.6	99.0	99.1	99.1	99.4	99.5	99.7	99.7
IV 100	92.2	95.5	96.4	96.9	97.8	97.9	98.4	98.5	98.6	99.0	99.1	99.1	99.5	99.6	99.8	99.8
IV 0	92.2	95.5	96.4	96.9	97.8	97.9	98.4	98.5	98.6	99.0	99.1	99.1	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.8	73.0	73.2	73.4	73.6	73.6	73.7	73.8	73.8	74.1	74.1	74.1	74.3	74.3	74.3	74.5
≥ 20000	76.2	77.7	77.9	78.0	78.2	78.2	78.3	78.5	78.5	78.8	78.8	78.8	78.9	78.9	78.9	79.1
IV 18000	76.4	77.9	78.1	78.2	78.5	78.5	78.6	78.7	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.3
IV 16000	76.5	77.9	78.1	78.3	78.5	78.5	78.6	78.8	78.8	79.0	79.0	79.0	79.2	79.2	79.2	79.4
IV 14000	77.7	79.2	79.4	79.5	79.8	79.8	79.9	80.0	80.0	80.3	80.3	80.3	80.5	80.5	80.5	80.6
IV 12000	78.8	80.2	80.4	80.6	80.8	80.8	80.9	81.1	81.1	81.3	81.3	81.3	81.5	81.5	81.5	81.7
IV 10000	79.9	81.4	81.6	81.8	82.0	82.0	82.1	82.2	82.2	82.5	82.5	82.5	82.7	82.7	82.7	82.9
IV 9000	80.1	81.7	81.9	82.0	82.2	82.2	82.3	82.5	82.5	82.8	82.8	82.8	83.0	83.0	83.0	83.1
IV 8000	80.9	82.4	82.6	82.8	83.0	83.0	83.1	83.2	83.2	83.5	83.5	83.5	83.7	83.7	83.7	83.9
IV 7000	81.3	83.0	83.2	83.3	83.6	83.6	83.7	83.8	83.8	84.2	84.2	84.2	84.3	84.3	84.3	84.5
IV 6000	81.9	83.5	83.7	83.9	84.1	84.1	84.2	84.3	84.3	84.7	84.7	84.7	84.9	84.9	84.9	85.0
IV 5000	82.2	83.9	84.1	84.2	84.5	84.5	84.6	84.7	84.7	85.1	85.1	85.1	85.3	85.3	85.3	85.4
IV 4500	82.2	84.0	84.2	84.3	84.5	84.5	84.6	84.8	84.8	85.1	85.1	85.1	85.3	85.3	85.3	85.4
IV 4000	82.5	84.3	84.5	84.7	84.9	84.9	85.0	85.2	85.2	85.5	85.5	85.5	85.7	85.7	85.7	85.8
IV 3500	82.6	84.7	84.9	85.1	85.3	85.3	85.4	85.5	85.5	85.9	85.9	85.9	86.1	86.1	86.1	86.2
IV 3000	82.9	85.0	85.2	85.4	85.6	85.6	85.7	85.9	85.9	86.2	86.2	86.2	86.4	86.4	86.4	86.5
IV 2500	83.4	85.6	85.8	86.0	86.2	86.2	86.3	86.4	86.4	86.8	86.8	86.8	87.0	87.0	87.0	87.1
IV 2000	84.2	86.6	86.8	87.0	87.3	87.3	87.4	87.5	87.5	87.8	87.8	87.8	88.0	88.0	88.0	88.2
IV 1800	84.4	86.9	87.1	87.4	87.6	87.6	87.7	87.9	87.9	88.2	88.2	88.2	88.4	88.4	88.4	88.5
IV 1500	84.7	87.5	87.7	88.1	88.3	88.3	88.4	88.6	88.6	89.0	89.0	89.0	89.2	89.2	89.2	89.3
IV 1200	84.8	87.8	88.0	88.3	88.5	88.5	88.7	88.8	88.8	89.2	89.3	89.3	89.5	89.5	89.5	89.6
IV 1000	85.3	88.5	88.7	89.1	89.3	89.3	89.5	89.6	89.6	90.1	90.1	90.1	90.3	90.3	90.3	90.5
IV 900	85.4	88.9	89.1	89.5	89.7	89.7	89.9	90.0	90.0	90.5	90.5	90.5	90.8	90.8	90.8	90.9
IV 800	85.8	89.5	89.7	90.1	90.4	90.4	90.6	90.8	90.8	91.3	91.4	91.4	91.6	91.6	91.6	91.7
IV 700	86.1	89.7	89.9	90.4	90.6	90.7	90.9	91.1	91.1	91.6	91.6	91.6	91.9	91.9	91.9	92.0
IV 600	86.4	90.1	90.4	90.9	91.2	91.3	91.5	91.7	91.7	92.3	92.3	92.3	92.6	92.6	92.6	92.7
IV 500	86.8	90.8	91.2	91.9	92.2	92.3	92.6	92.7	92.8	93.6	93.6	93.6	93.9	93.9	93.9	94.0
IV 400	87.1	91.5	91.9	92.6	92.9	93.0	93.3	93.6	93.6	94.4	94.4	94.4	94.8	94.8	94.8	94.9
IV 300	87.3	91.8	92.2	92.9	93.3	93.3	93.8	94.2	94.2	95.1	95.1	95.1	95.5	95.5	95.5	95.8
IV 200	87.4	92.1	92.6	93.3	93.7	93.9	94.4	94.7	94.8	96.0	96.1	96.2	96.6	96.6	96.7	97.1
IV 100	87.4	92.1	92.6	93.3	93.7	93.9	94.7	95.1	95.2	96.5	96.8	96.9	97.6	97.6	98.0	98.5
IV 0	87.4	92.1	92.6	93.3	93.7	93.9	94.7	95.1	95.2	96.5	96.8	96.9	97.7	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2095

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23000

CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	68.9	70.1	70.1	70.5	71.0	71.1	71.2	71.2	71.2	71.3	71.5	71.5	71.6	71.6	71.6	71.7
IV 20000	73.2	74.5	74.5	74.9	75.4	75.5	75.6	75.7	75.7	75.7	75.9	75.9	76.1	76.1	76.1	76.2
IV 18000	73.3	74.6	74.6	75.0	75.5	75.6	75.7	75.8	75.8	75.8	76.0	76.0	76.2	76.2	76.2	76.3
IV 16000	73.3	74.6	74.6	75.0	75.5	75.6	75.7	75.8	75.8	75.8	76.0	76.0	76.2	76.2	76.2	76.3
IV 14000	74.7	75.9	76.0	76.3	76.9	76.9	77.1	77.1	77.1	77.2	77.3	77.3	77.5	77.5	77.5	77.6
IV 12000	75.3	76.6	76.6	77.0	77.6	77.6	77.8	77.8	77.8	77.9	78.1	78.1	78.2	78.2	78.2	78.4
IV 10000	76.3	77.6	77.7	78.1	78.7	78.8	78.9	79.0	79.0	79.0	79.2	79.2	79.4	79.4	79.4	79.5
IV 9000	76.6	78.1	78.1	78.5	79.2	79.2	79.4	79.4	79.4	79.4	79.6	79.6	79.8	79.8	79.8	79.9
IV 8000	76.9	78.4	78.5	78.9	79.6	79.7	79.8	79.9	79.9	79.9	80.1	80.1	80.3	80.3	80.3	80.4
IV 7000	77.1	78.9	78.9	79.4	80.2	80.2	80.4	80.4	80.4	80.5	80.7	80.7	80.8	80.8	80.8	81.0
IV 6000	77.4	79.3	79.4	79.9	80.6	80.6	80.8	80.9	80.9	80.9	81.1	81.1	81.3	81.3	81.3	81.4
IV 5000	77.7	79.8	79.9	80.4	81.2	81.2	81.4	81.4	81.4	81.5	81.7	81.7	81.8	81.8	81.8	82.0
IV 4500	77.9	80.0	80.1	80.6	81.4	81.4	81.6	81.6	81.6	81.7	81.9	81.9	82.0	82.0	82.0	82.2
IV 4000	78.1	80.4	80.5	81.0	81.7	81.8	82.0	82.0	82.0	82.1	82.3	82.3	82.4	82.4	82.4	82.5
IV 3500	78.2	80.5	80.6	81.1	81.8	81.9	82.1	82.1	82.1	82.2	82.4	82.4	82.5	82.5	82.5	82.6
IV 3000	78.6	81.2	81.3	81.8	82.6	82.6	82.8	82.9	82.9	82.9	83.1	83.1	83.3	83.3	83.3	83.4
IV 2500	79.3	82.0	82.1	82.6	83.4	83.5	83.6	83.7	83.7	83.7	83.9	83.9	84.1	84.1	84.1	84.2
IV 2000	80.0	82.8	83.1	83.6	84.5	84.5	84.7	84.8	84.8	84.8	85.0	85.0	85.2	85.2	85.2	85.3
IV 1800	80.3	83.2	83.4	84.0	84.8	84.9	85.1	85.1	85.1	85.2	85.4	85.4	85.5	85.5	85.5	85.6
IV 1500	81.0	84.0	84.2	84.8	85.7	85.8	86.0	86.0	86.0	86.1	86.3	86.3	86.6	86.6	86.6	86.7
IV 1200	81.4	84.6	84.9	85.5	86.4	86.5	86.7	86.7	86.7	86.8	87.0	87.0	87.3	87.3	87.3	87.5
IV 1000	81.8	85.2	85.4	86.1	87.1	87.2	87.4	87.5	87.5	87.7	87.9	87.9	88.2	88.2	88.2	88.3
IV 900	82.0	85.7	85.9	86.6	87.6	87.7	87.9	88.0	88.0	88.3	88.5	88.5	88.7	88.7	88.8	88.9
IV 800	82.3	86.2	86.4	87.1	88.2	88.3	88.6	88.7	88.7	89.0	89.2	89.2	89.5	89.5	89.6	89.7
IV 700	82.8	86.9	87.1	87.8	88.9	89.0	89.4	89.5	89.5	89.7	89.9	89.9	90.3	90.3	90.4	90.5
IV 600	83.2	87.5	87.9	88.7	89.8	90.0	90.3	90.5	90.5	90.7	90.9	90.9	91.3	91.3	91.4	91.6
IV 500	83.5	88.6	89.1	90.1	91.3	91.4	91.8	92.0	92.0	92.3	92.5	92.5	92.9	93.0	93.1	93.2
IV 400	83.7	89.1	89.7	90.9	92.1	92.2	92.8	93.0	93.1	93.4	93.6	93.6	94.0	94.1	94.2	94.4
IV 300	83.7	89.3	89.9	91.1	92.3	92.4	93.1	93.4	93.5	93.9	94.1	94.1	94.8	94.8	95.0	95.1
IV 200	83.7	89.3	89.9	91.1	92.4	92.6	93.5	93.9	94.1	94.7	95.0	95.0	95.7	95.8	95.9	96.1
IV 100	83.7	89.3	89.9	91.1	92.4	92.6	93.7	94.2	94.5	95.1	95.5	95.5	96.6	96.9	97.2	97.7
IV 0	83.7	89.3	89.9	91.1	92.4	92.6	93.7	94.2	94.5	95.1	95.5	95.5	96.7	97.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2097

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	61.1	63.2	63.5	64.0	64.8	64.8	65.0	65.0	65.0	65.2	65.2	65.2	65.3	65.4	65.7	66.0
IV 20000	67.7	70.3	70.6	71.3	72.1	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.7	73.0	73.3
IV 18000	68.0	70.6	70.9	71.5	72.4	72.4	72.6	72.6	72.6	72.8	72.8	72.8	72.9	73.0	73.3	73.6
IV 16000	68.1	70.7	71.1	71.7	72.5	72.5	72.7	72.8	72.8	72.9	73.0	73.0	73.1	73.2	73.4	73.7
IV 14000	69.8	72.4	72.7	73.3	74.1	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.7	74.8	75.0	75.4
IV 12000	71.2	73.8	74.2	74.8	75.7	75.8	75.9	76.0	76.0	76.1	76.2	76.2	76.3	76.4	76.6	76.9
IV 10000	72.5	75.2	75.6	76.2	77.1	77.2	77.4	77.5	77.5	77.6	77.7	77.7	77.8	77.9	78.1	78.5
IV 9000	72.6	75.4	75.8	76.5	77.4	77.5	77.7	77.8	77.8	77.9	78.0	78.0	78.1	78.2	78.4	78.8
IV 8000	73.3	76.1	76.6	77.3	78.2	78.3	78.6	78.6	78.6	78.8	78.9	78.9	79.0	79.1	79.3	79.6
IV 7000	73.6	76.5	77.0	77.7	78.6	78.7	79.0	79.0	79.0	79.1	79.2	79.2	79.3	79.4	79.7	80.0
IV 6000	74.0	76.9	77.5	78.2	79.1	79.2	79.5	79.5	79.5	79.7	79.8	79.8	79.9	80.0	80.2	80.5
IV 5000	74.5	77.6	78.1	78.9	79.9	80.0	80.2	80.3	80.3	80.4	80.5	80.5	80.6	80.7	81.0	81.3
IV 4500	74.7	78.0	78.5	79.3	80.4	80.4	80.7	80.8	80.8	80.9	81.0	81.0	81.1	81.2	81.4	81.8
IV 4000	75.0	78.3	78.8	79.7	80.8	80.8	81.1	81.2	81.2	81.3	81.4	81.4	81.5	81.6	81.8	82.2
IV 3500	75.0	78.3	78.9	79.7	80.8	80.9	81.2	81.2	81.2	81.3	81.4	81.4	81.5	81.6	81.9	82.2
IV 3000	75.1	78.7	79.2	80.2	81.3	81.3	81.6	81.6	81.6	81.8	81.9	81.9	82.0	82.1	82.3	82.6
IV 2500	75.5	79.2	79.8	80.8	81.9	82.0	82.3	82.3	82.3	82.4	82.5	82.5	82.6	82.7	83.0	83.3
IV 2000	75.8	79.8	80.4	81.4	82.5	82.6	82.9	82.9	82.9	83.1	83.2	83.2	83.3	83.4	83.6	83.9
IV 1800	76.0	80.1	80.7	81.7	82.8	82.9	83.3	83.3	83.3	83.5	83.6	83.6	83.7	83.8	84.0	84.4
IV 1500	76.5	80.8	81.4	82.5	83.7	83.8	84.3	84.3	84.3	84.6	84.6	84.6	84.7	84.8	85.1	85.5
IV 1200	77.1	81.6	82.4	83.6	84.9	84.9	85.5	85.5	85.5	85.7	85.9	85.9	86.0	86.1	86.3	86.7
IV 1000	77.7	82.5	83.5	84.8	86.1	86.2	86.8	86.8	86.8	87.1	87.3	87.3	87.4	87.5	87.7	88.2
IV 900	77.8	82.8	83.8	85.2	86.5	86.6	87.1	87.2	87.2	87.5	87.7	87.7	87.8	87.9	88.1	88.6
IV 800	78.3	83.6	84.6	86.0	87.3	87.4	87.9	88.0	88.0	88.3	88.7	88.7	88.8	88.9	89.1	89.6
IV 700	78.5	84.0	85.0	86.5	87.8	87.9	88.5	88.6	88.6	89.1	89.3	89.3	89.4	89.5	89.8	90.3
IV 600	78.6	84.2	85.3	86.9	88.2	88.4	89.0	89.1	89.1	89.6	89.8	89.8	89.9	90.0	90.2	90.8
IV 500	78.8	84.7	86.1	87.8	89.2	89.4	90.1	90.3	90.3	91.0	91.2	91.2	91.3	91.4	91.7	92.3
IV 400	78.8	85.0	86.4	88.2	89.7	90.0	91.1	91.4	91.4	92.1	92.3	92.4	92.7	92.8	93.1	93.7
IV 300	78.8	85.0	86.6	88.4	90.0	90.3	91.5	92.0	92.0	93.0	93.4	93.5	93.8	94.0	94.3	94.9
IV 200	78.8	85.1	86.6	88.7	90.3	90.6	92.0	92.6	92.6	93.8	94.4	94.5	94.9	95.2	95.7	96.4
IV 100	78.8	85.1	86.6	88.7	90.3	90.6	92.0	92.7	92.7	94.0	94.7	94.9	95.6	96.0	96.9	98.0
IV 0	78.8	85.1	86.6	88.7	90.3	90.6	92.0	92.7	92.7	94.0	94.7	94.9	95.7	96.1	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2091

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	60.0	62.1	62.4	62.9	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.5	63.6	63.7
≥ 20000	70.1	72.8	73.2	73.7	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.8	74.9
IV 18000	70.3	73.0	73.4	73.9	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.9	75.0	75.1
IV 16000	70.9	73.6	74.0	74.5	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.7
IV 14000	72.4	75.2	75.5	76.1	76.6	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9	77.1	77.1	77.3
IV 12000	74.3	77.0	77.4	77.9	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	79.0	79.0	79.2
IV 10000	75.3	78.1	78.7	79.2	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.4	80.5
IV 9000	75.6	78.4	79.0	79.6	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.7	80.8	80.9
IV 8000	76.1	78.9	79.6	80.2	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.3	81.3	81.5
IV 7000	76.6	79.7	80.3	80.9	81.6	81.6	81.8	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.1	82.3
IV 6000	77.2	80.4	81.0	81.6	82.4	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.9	82.9	83.1
IV 5000	77.6	80.9	81.6	82.3	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.6	83.9
IV 4500	77.8	81.2	81.9	82.6	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.9	83.9	84.1
IV 4000	78.0	81.4	82.1	82.8	83.5	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	84.1	84.1	84.3
IV 3500	78.0	81.4	82.1	82.8	83.6	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	84.1	84.2	84.3
IV 3000	78.4	81.8	82.5	83.2	84.0	84.0	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.5	84.6	84.8
IV 2500	78.6	82.0	82.8	83.5	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.9	84.9	85.1
IV 2000	79.7	83.3	84.1	84.9	85.6	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.4	86.4	86.6
IV 1800	79.7	83.5	84.3	85.1	85.9	86.0	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.8	86.8	87.0
IV 1500	80.0	84.2	85.1	86.0	86.8	86.9	87.1	87.2	87.2	87.4	87.5	87.5	87.5	87.8	87.8	88.1
IV 1200	80.7	85.3	86.3	87.3	88.3	88.4	88.7	88.8	88.8	89.1	89.2	89.2	89.2	89.5	89.6	89.9
IV 1000	81.2	86.3	87.5	88.6	89.6	89.6	89.9	90.0	90.1	90.3	90.5	90.5	90.5	90.8	90.8	91.1
IV 900	81.4	87.1	88.3	89.5	90.5	90.6	90.9	91.0	91.0	91.3	91.4	91.4	91.4	91.7	91.8	92.1
IV 800	81.8	87.6	89.0	90.2	91.2	91.3	91.8	91.9	91.9	92.2	92.3	92.3	92.3	92.6	92.7	93.0
IV 700	81.9	87.9	89.3	90.5	91.6	91.7	92.1	92.2	92.3	92.6	92.8	92.8	92.8	93.1	93.1	93.5
IV 600	82.0	88.3	89.9	91.0	92.2	92.3	92.8	92.9	93.0	93.3	93.5	93.5	93.5	93.9	93.9	94.3
IV 500	82.0	88.7	90.4	91.7	93.0	93.2	93.7	93.8	93.9	94.3	94.4	94.5	94.5	94.9	94.9	95.4
IV 400	82.0	88.9	90.7	92.1	93.7	93.8	94.4	94.6	94.7	95.1	95.4	95.4	95.4	95.8	95.9	96.3
IV 300	82.0	88.9	90.7	92.3	93.9	94.1	95.0	95.2	95.3	95.8	96.3	96.4	96.4	96.9	97.0	97.4
IV 200	82.1	88.9	90.8	92.4	94.0	94.2	95.2	95.4	95.5	96.2	96.7	96.8	96.8	97.6	97.7	98.4
IV 100	82.1	88.9	90.8	92.4	94.1	94.2	95.2	95.4	95.5	96.2	96.8	96.9	96.9	97.9	98.0	98.7
IV 0	82.1	88.9	90.8	92.4	94.1	94.2	95.2	95.4	95.5	96.2	96.8	96.9	96.9	98.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2089

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46252-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	60.4 70.6	63.0 73.5	63.5 74.2	64.1 74.9	64.6 75.4	64.6 75.4	65.1 75.9	65.2 76.0	65.2 76.0	65.3 76.2	65.4 76.3	65.4 76.3	65.5 76.3	65.5 76.3	65.5 76.3	65.7 76.5
IV 18000 IV 16000	70.8 71.7	73.7 74.6	74.5 75.4	75.1 76.1	75.7 76.6	75.7 76.6	76.2 77.2	76.3 77.3	76.3 77.3	76.5 77.5	76.6 77.6	76.6 77.6	76.6 77.6	76.6 77.6	76.6 77.6	76.8 77.8
IV 14000 IV 12000	72.7 74.1	75.6 77.1	76.5 78.0	77.2 78.8	77.8 79.4	77.8 79.4	78.5 80.2	78.6 80.3	78.6 80.3	78.8 80.4	78.9 80.5	78.9 80.5	78.9 80.6	78.9 80.6	78.9 80.6	79.1 80.8
IV 10000 IV 9000	75.2 75.3	78.4 78.6	79.3 79.5	80.1 80.3	80.7 81.0	80.7 81.0	81.5 81.7	81.5 81.8	81.5 81.8	81.7 82.0	81.8 82.1	81.8 82.1	81.9 82.1	81.9 82.1	81.9 82.1	82.1 82.3
IV 8000 IV 7000	75.7 76.0	79.0 79.5	80.0 80.5	80.7 81.3	81.4 81.9	81.4 81.9	82.1 82.6	82.2 82.7	82.2 82.7	82.4 82.9	82.5 83.0	82.5 83.0	82.6 83.1	82.6 83.1	82.6 83.1	82.7 83.3
IV 6000 IV 5000	76.4 77.2	80.1 80.9	81.1 81.8	81.8 82.7	82.5 83.4	82.5 83.4	83.3 84.2	83.5 84.4	83.5 84.4	83.7 84.6	83.7 84.7	83.7 84.7	83.8 84.8	83.8 84.8	83.8 84.8	84.0 85.0
IV 4500 IV 4000	77.5 78.0	81.3 81.9	82.2 82.8	83.1 83.7	83.8 84.4	83.8 84.4	84.6 85.2	84.8 85.4	84.8 85.4	85.0 85.6	85.1 85.7	85.1 85.7	85.1 85.7	85.1 85.7	85.1 85.7	85.4 86.0
IV 3500 IV 3000	78.4 79.3	82.3 83.2	83.3 84.2	84.1 85.0	84.8 85.8	84.8 85.8	85.6 86.6	85.8 86.8	85.8 86.8	86.0 87.0	86.1 87.1	86.1 87.1	86.2 87.3	86.2 87.3	86.2 87.3	86.5 87.5
IV 2500 IV 2000	80.0 81.2	84.0 85.6	85.0 86.7	85.9 87.6	86.7 88.5	86.7 88.5	87.5 89.3	87.7 89.5	87.7 89.5	88.0 89.9	88.0 90.0	88.0 90.0	88.2 90.2	88.2 90.2	88.2 90.2	88.5 90.4
IV 1800 IV 1500	81.6 82.4	86.0 87.3	87.1 88.5	88.0 89.4	89.0 90.3	89.0 90.4	89.9 91.3	90.1 91.5	90.1 91.5	90.4 91.9	90.5 92.0	90.5 92.1	90.7 92.3	90.7 92.3	90.7 92.3	90.9 92.7
IV 1200 IV 1000	83.2 83.6	88.4 89.3	89.6 90.5	90.7 91.6	91.7 92.7	91.7 92.7	92.7 93.7	92.9 93.9	92.9 93.9	93.4 94.3	93.5 94.6	93.5 94.6	93.7 95.0	93.8 95.1	93.9 95.2	94.2 95.5
IV 900 IV 800	83.6 83.7	89.5 89.7	90.8 91.0	91.9 92.1	92.9 93.2	93.0 93.3	94.0 94.4	94.2 94.6	94.2 94.6	94.7 95.1	94.8 95.2	94.9 95.2	95.3 95.7	95.4 95.7	95.5 95.8	95.7 96.1
IV 700 IV 600	83.9 83.9	90.1 90.2	91.4 91.5	92.6 92.7	93.7 93.8	93.8 94.0	94.9 95.0	95.1 95.2	95.1 95.2	95.7 95.9	95.7 96.1	95.8 96.1	96.2 96.6	96.3 96.7	96.5 96.8	96.7 97.0
IV 500 IV 400	84.0 84.0	90.2 90.3	91.6 91.8	92.8 93.1	94.0 94.3	94.2 94.6	95.2 95.6	95.4 95.8	95.4 95.8	96.1 96.3	96.3 96.7	96.3 96.7	96.7 97.2	96.8 97.4	97.0 97.5	97.2 98.0
IV 300 IV 200	84.0 84.0	90.4 90.4	91.9 91.9	93.2 93.2	94.4 94.4	94.6 94.6	95.7 95.8	96.0 96.1	96.0 96.1	96.9 97.2	97.2 97.7	97.2 97.8	97.8 98.3	97.9 98.5	98.1 98.5	98.7 99.5
IV 100 IV 0	84.0 84.0	90.4 90.4	91.9 91.9	93.2 93.2	94.4 94.4	94.6 94.6	95.8 95.8	96.1 96.1	96.1 96.1	97.2 97.2	97.8 97.8	97.8 97.8	98.4 98.4	98.6 98.6	98.9 99.0	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 2092

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS/15°

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.3	63.0	63.4	64.1	64.7	64.7	65.1	65.2	65.2	65.5	65.7	65.7	65.9	65.9	65.9	66.0
≥ 20000	72.9	75.3	75.7	76.6	77.3	77.4	77.7	77.8	77.8	78.2	78.4	78.4	78.6	78.6	78.6	78.7
IV 18000	73.5	75.9	76.4	77.3	78.0	78.0	78.4	78.5	78.5	78.9	79.1	79.1	79.3	79.3	79.3	79.4
IV 16000	74.2	76.6	77.1	78.0	78.7	78.7	79.1	79.2	79.2	79.6	79.8	79.8	80.0	80.0	80.0	80.1
IV 14000	75.3	77.8	78.3	79.3	80.1	80.2	80.6	80.6	80.6	81.0	81.2	81.2	81.4	81.4	81.4	81.6
IV 12000	76.4	79.1	79.6	80.8	81.6	81.6	82.0	82.0	82.0	82.5	82.7	82.7	82.9	82.9	82.9	83.1
IV 10000	77.8	80.7	81.2	82.4	83.2	83.2	83.6	83.7	83.7	84.1	84.3	84.3	84.5	84.5	84.5	84.7
IV 9000	78.0	81.1	81.6	82.8	83.7	83.7	84.1	84.2	84.2	84.6	84.8	84.8	85.0	85.0	85.0	85.2
IV 8000	78.8	82.0	82.5	83.7	84.6	84.6	85.0	85.1	85.1	85.5	85.7	85.7	85.9	86.0	86.0	86.2
IV 7000	79.0	82.3	82.8	84.0	84.9	84.9	85.3	85.4	85.4	85.8	86.0	86.0	86.2	86.3	86.3	86.5
IV 6000	79.7	83.0	83.5	84.7	85.7	85.7	86.2	86.2	86.2	86.6	86.8	86.8	87.1	87.1	87.1	87.3
IV 5000	80.9	84.3	84.8	86.0	87.0	87.1	87.5	87.6	87.6	88.0	88.2	88.2	88.4	88.5	88.5	88.7
IV 4500	81.1	84.5	85.1	86.3	87.3	87.3	87.7	87.8	87.8	88.2	88.4	88.4	88.7	88.7	88.7	88.9
IV 4000	81.8	85.3	85.8	87.1	88.1	88.2	88.6	88.7	88.7	89.1	89.3	89.3	89.5	89.6	89.6	89.8
IV 3500	82.0	85.5	86.1	87.5	88.5	88.5	89.0	89.0	89.0	89.5	89.7	89.7	89.9	89.9	89.9	90.1
IV 3000	82.7	86.4	87.0	88.4	89.4	89.4	89.9	89.9	89.9	90.4	90.6	90.6	90.9	90.9	90.9	91.1
IV 2500	83.4	87.2	87.8	89.3	90.3	90.3	90.8	90.9	90.9	91.3	91.6	91.6	91.9	91.9	91.9	92.1
IV 2000	84.4	88.3	89.0	90.6	91.6	91.6	92.1	92.2	92.2	92.7	93.0	93.0	93.2	93.3	93.3	93.4
IV 1800	84.6	88.5	89.2	90.8	91.8	91.8	92.3	92.4	92.4	92.9	93.2	93.2	93.4	93.5	93.5	93.7
IV 1500	85.0	89.2	90.0	91.7	92.7	92.7	93.3	93.4	93.4	93.9	94.2	94.2	94.5	94.5	94.5	94.7
IV 1200	85.8	90.1	90.9	92.6	93.7	93.8	94.4	94.6	94.6	95.1	95.4	95.4	95.7	95.7	95.7	95.9
IV 1000	85.9	90.4	91.2	93.0	94.1	94.2	94.9	95.1	95.1	95.7	96.0	96.0	96.5	96.5	96.5	96.7
IV 900	86.1	90.7	91.5	93.3	94.4	94.5	95.2	95.4	95.4	96.0	96.4	96.4	96.8	96.8	96.8	97.0
IV 800	86.2	90.9	91.8	93.5	94.7	94.8	95.5	95.7	95.7	96.4	96.7	96.7	97.1	97.2	97.2	97.4
IV 700	86.2	91.0	92.0	93.8	95.0	95.1	95.8	96.0	96.0	96.6	97.0	97.0	97.5	97.5	97.5	97.7
IV 600	86.2	91.2	92.2	94.1	95.3	95.4	96.2	96.3	96.4	97.0	97.5	97.5	97.9	97.9	97.9	98.1
IV 500	86.2	91.3	92.3	94.1	95.4	95.5	96.3	96.4	96.5	97.1	97.6	97.6	98.1	98.2	98.2	98.4
IV 400	86.2	91.3	92.3	94.1	95.4	95.5	96.4	96.6	96.6	97.3	97.8	97.8	98.3	98.4	98.4	98.6
IV 300	86.2	91.3	92.3	94.1	95.5	95.6	96.5	96.7	96.7	97.6	98.0	98.1	98.6	98.7	98.7	98.9
IV 200	86.2	91.3	92.3	94.1	95.5	95.6	96.5	96.7	96.7	97.7	98.2	98.3	98.9	99.0	99.0	99.3
IV 100	86.2	91.3	92.3	94.1	95.5	95.6	96.5	96.7	96.7	97.7	98.3	98.5	99.0	99.2	99.3	99.7
IV 0	86.2	91.3	92.3	94.1	95.5	95.6	96.5	96.7	96.7	97.7	98.3	98.5	99.0	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2089

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.1	72.0	72.4	72.6	73.0	73.0	73.1	73.2	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6
IV 20000	78.0	80.0	80.4	80.6	81.0	81.0	81.1	81.2	81.2	81.4	81.5	81.5	81.6	81.6	81.6	81.6
IV 18000	78.4	80.4	80.8	81.0	81.4	81.4	81.5	81.6	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.0
IV 16000	78.7	80.7	81.1	81.3	81.7	81.7	81.8	81.9	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3
IV 14000	80.1	82.2	82.6	82.8	83.2	83.2	83.3	83.4	83.4	83.6	83.7	83.7	83.8	83.8	83.8	83.8
IV 12000	81.7	83.9	84.4	84.6	85.0	85.0	85.1	85.2	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6
IV 10000	82.8	85.0	85.4	85.7	86.0	86.0	86.1	86.2	86.2	86.4	86.5	86.5	86.6	86.7	86.7	86.7
IV 9000	82.9	85.2	85.6	85.9	86.2	86.2	86.3	86.4	86.4	86.6	86.7	86.7	86.8	86.9	86.9	86.9
IV 8000	83.9	86.2	86.7	86.9	87.3	87.3	87.4	87.5	87.5	87.7	87.8	87.8	87.9	87.9	87.9	87.9
IV 7000	84.1	86.5	87.0	87.2	87.6	87.6	87.7	87.8	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.2
IV 6000	84.7	87.1	87.6	87.9	88.2	88.2	88.3	88.4	88.4	88.6	88.7	88.7	88.8	88.9	88.9	88.9
IV 5000	85.4	88.1	88.6	88.8	89.2	89.2	89.3	89.4	89.4	89.6	89.7	89.7	89.8	89.9	89.9	89.9
IV 4500	85.8	88.4	89.0	89.2	89.6	89.6	89.7	89.8	89.8	90.0	90.1	90.1	90.3	90.3	90.3	90.3
IV 4000	86.2	89.1	89.7	89.9	90.3	90.3	90.4	90.5	90.5	90.7	90.8	90.8	91.1	91.1	91.1	91.1
IV 3500	86.6	89.7	90.3	90.5	90.9	90.9	91.0	91.1	91.1	91.3	91.4	91.4	91.6	91.7	91.7	91.7
IV 3000	87.1	90.4	91.0	91.3	91.7	91.7	91.8	91.9	91.9	92.1	92.2	92.2	92.5	92.5	92.5	92.5
IV 2500	87.5	90.8	91.4	91.7	92.2	92.2	92.3	92.4	92.4	92.6	92.7	92.7	92.9	93.0	93.0	93.0
IV 2000	87.8	91.1	91.9	92.2	92.6	92.6	92.7	92.8	92.8	93.1	93.2	93.2	93.4	93.5	93.5	93.5
IV 1800	88.1	91.4	92.2	92.5	93.0	93.0	93.1	93.2	93.2	93.5	93.5	93.5	93.8	93.8	93.8	93.8
IV 1500	88.3	91.9	92.7	93.1	93.5	93.5	93.7	93.8	93.8	94.1	94.2	94.2	94.5	94.5	94.5	94.5
IV 1200	88.8	92.5	93.3	93.6	94.1	94.1	94.4	94.5	94.5	94.7	94.9	94.9	95.1	95.2	95.2	95.2
IV 1000	89.0	92.8	93.7	94.2	94.6	94.6	94.9	95.0	95.0	95.3	95.4	95.4	95.7	95.7	95.7	95.7
IV 900	89.2	93.1	94.0	94.4	94.9	94.9	95.2	95.3	95.3	95.6	95.7	95.7	96.0	96.0	96.0	96.0
IV 800	89.2	93.2	94.1	94.6	95.1	95.1	95.3	95.4	95.4	95.7	95.8	95.8	96.1	96.2	96.2	96.2
IV 700	89.5	93.5	94.4	94.8	95.5	95.5	95.7	95.8	95.8	96.1	96.2	96.2	96.5	96.6	96.6	96.6
IV 600	89.6	93.7	94.6	95.1	95.7	95.7	96.1	96.2	96.2	96.5	96.7	96.7	97.0	97.1	97.1	97.1
IV 500	89.8	93.9	94.9	95.3	96.0	96.0	96.4	96.5	96.5	96.8	96.9	97.1	97.5	97.6	97.6	97.6
IV 400	89.9	94.1	95.1	95.6	96.3	96.3	96.7	96.8	96.8	97.1	97.3	97.5	97.9	98.0	98.0	98.0
IV 300	89.9	94.2	95.3	95.7	96.5	96.5	96.9	97.0	97.0	97.4	97.6	97.8	98.3	98.4	98.4	98.4
IV 200	89.9	94.3	95.4	95.9	96.7	96.7	97.2	97.4	97.4	98.0	98.3	98.5	99.2	99.3	99.4	99.5
IV 100	89.9	94.3	95.4	95.9	96.7	96.7	97.2	97.4	97.5	98.0	98.3	98.6	99.3	99.4	99.6	99.7
IV 0	89.9	94.3	95.4	95.9	96.7	96.7	97.2	97.4	97.5	98.1	98.4	98.6	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2093

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23068
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.8	76.8	77.0	77.3	77.4	77.5	77.6	77.7	77.7	78.0	78.0	78.0	78.1	78.1	78.2	78.2
IV 20000	79.7	81.8	81.9	82.2	82.4	82.5	82.6	82.7	82.7	83.0	83.0	83.0	83.1	83.1	83.2	83.2
IV 18000	79.9	82.0	82.2	82.5	82.7	82.8	82.9	83.0	83.0	83.3	83.3	83.3	83.4	83.4	83.5	83.5
IV 16000	79.9	82.0	82.2	82.5	82.7	82.8	82.9	83.0	83.0	83.3	83.3	83.3	83.4	83.4	83.5	83.5
IV 14000	80.5	82.6	82.8	83.0	83.2	83.3	83.4	83.5	83.5	83.8	83.8	83.8	84.0	84.0	84.0	84.0
IV 12000	81.5	83.7	83.9	84.1	84.3	84.4	84.5	84.6	84.6	84.9	84.9	84.9	85.1	85.1	85.1	85.1
IV 10000	82.3	84.6	84.8	85.1	85.2	85.3	85.4	85.5	85.5	85.8	85.8	85.8	86.0	86.1	86.1	86.1
IV 9000	82.3	84.6	84.8	85.1	85.3	85.3	85.4	85.6	85.6	85.9	85.9	85.9	86.0	86.1	86.2	86.2
IV 8000	83.2	85.6	85.8	86.1	86.3	86.3	86.4	86.6	86.6	86.9	86.9	86.9	87.0	87.1	87.2	87.2
IV 7000	83.5	85.9	86.1	86.4	86.6	86.6	86.7	86.9	86.9	87.2	87.2	87.2	87.3	87.4	87.4	87.4
IV 6000	84.0	86.5	86.7	87.0	87.2	87.2	87.3	87.5	87.5	87.8	87.8	87.8	88.0	88.1	88.1	88.1
IV 5000	84.6	87.2	87.3	87.6	87.9	87.9	88.0	88.2	88.2	88.5	88.5	88.5	88.7	88.8	88.8	88.8
IV 4500	84.6	87.2	87.4	87.7	88.0	88.0	88.1	88.3	88.3	88.6	88.6	88.6	88.8	88.9	88.9	88.9
IV 4000	85.2	87.9	88.1	88.4	88.7	88.7	88.8	89.1	89.1	89.4	89.4	89.4	89.6	89.7	89.7	89.7
IV 3500	85.5	88.2	88.5	88.9	89.2	89.2	89.3	89.5	89.5	89.9	89.9	89.9	90.1	90.2	90.2	90.2
IV 3000	85.7	88.5	88.8	89.2	89.5	89.5	89.6	89.9	89.9	90.3	90.3	90.3	90.4	90.5	90.5	90.5
IV 2500	86.0	88.8	89.1	89.4	89.7	89.8	89.9	90.1	90.1	90.5	90.5	90.5	90.6	90.7	90.8	90.8
IV 2000	86.7	89.7	90.1	90.4	90.7	90.8	90.9	91.1	91.1	91.5	91.5	91.5	91.6	91.7	91.8	91.8
IV 1800	86.8	89.9	90.2	90.6	90.9	90.9	91.0	91.3	91.3	91.6	91.6	91.6	91.8	91.9	91.9	91.9
IV 1500	87.2	90.5	90.9	91.3	91.6	91.7	91.8	92.0	92.0	92.5	92.5	92.5	92.6	92.7	92.8	92.8
IV 1200	87.5	90.8	91.2	91.6	92.0	92.1	92.2	92.4	92.4	92.8	92.8	92.8	92.9	93.0	93.1	93.2
IV 1000	87.8	91.2	91.5	92.0	92.5	92.6	92.6	92.9	92.9	93.4	93.4	93.4	93.6	93.6	93.7	93.7
IV 900	88.0	91.4	91.7	92.2	92.7	92.7	92.8	93.1	93.1	93.6	93.6	93.6	93.7	93.8	93.9	93.9
IV 800	88.0	91.5	92.0	92.5	93.0	93.1	93.2	93.4	93.4	93.9	93.9	93.9	94.1	94.2	94.2	94.2
IV 700	88.1	91.8	92.3	92.8	93.3	93.4	93.5	93.7	93.7	94.2	94.2	94.2	94.3	94.6	94.6	94.6
IV 600	88.2	92.1	92.5	93.0	93.5	93.6	93.8	94.1	94.1	94.7	94.7	94.7	94.9	95.0	95.1	95.1
IV 500	88.4	92.3	92.7	93.3	93.7	93.9	94.1	94.5	94.5	95.1	95.1	95.2	95.3	95.6	95.6	95.6
IV 400	88.6	92.6	93.0	93.6	94.2	94.4	94.6	95.0	95.0	95.7	95.7	95.7	96.1	96.2	96.3	96.3
IV 300	88.6	92.6	93.2	93.8	94.4	94.6	94.9	95.3	95.3	96.0	96.0	96.0	96.5	96.7	96.7	96.8
IV 200	88.7	92.8	93.5	94.3	95.0	95.2	95.7	96.2	96.2	97.0	97.0	97.2	97.9	98.0	98.1	98.2
IV 100	88.9	93.0	93.7	94.5	95.3	95.5	96.0	96.7	96.7	97.6	97.6	97.9	98.9	99.0	99.1	99.3
IV 0	88.9	93.0	93.7	94.5	95.3	95.5	96.0	96.7	96.7	97.6	97.6	97.9	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2094

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ 1	≥ 0
NO CEILING	71.4	73.1	73.4	73.7	73.9	73.9	74.0	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.6
IV 20000	76.1	78.0	78.4	78.7	78.8	78.9	79.1	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.6
IV 18000	76.1	78.0	78.4	78.7	78.9	78.9	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.7
IV 16000	76.4	78.3	78.7	79.0	79.2	79.2	79.4	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.9
IV 14000	77.4	79.3	79.7	80.0	80.1	80.2	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9
IV 12000	78.2	80.1	80.6	81.0	81.2	81.2	81.4	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.1
IV 10000	79.7	81.8	82.3	82.7	82.9	82.9	83.1	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.8
IV 9000	79.9	82.0	82.4	82.8	83.0	83.1	83.3	83.5	83.5	83.8	83.8	83.8	83.9	83.9	83.9	84.0
IV 8000	80.6	82.8	83.2	83.6	83.8	83.9	84.1	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.7
IV 7000	81.3	83.7	84.1	84.5	84.7	84.7	84.9	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.6
IV 6000	81.7	84.1	84.6	85.0	85.2	85.3	85.6	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.3
IV 5000	83.0	85.4	85.8	86.2	86.5	86.5	86.9	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.6
IV 4500	83.3	85.7	86.2	86.6	86.9	86.9	87.3	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	88.0
IV 4000	83.3	85.9	86.3	86.8	87.0	87.1	87.5	87.7	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1
IV 3500	83.7	86.2	86.7	87.2	87.4	87.5	87.9	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.6
IV 3000	84.1	86.9	87.5	87.9	88.1	88.2	88.6	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.3
IV 2500	84.7	87.5	88.1	88.5	88.8	88.8	89.3	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	90.0
IV 2000	84.9	88.0	88.6	89.1	89.3	89.4	89.9	90.1	90.1	90.4	90.4	90.4	90.5	90.5	90.5	90.6
IV 1800	85.0	88.1	88.7	89.1	89.4	89.4	90.0	90.2	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.7
IV 1500	85.3	88.6	89.2	89.7	89.9	90.0	90.5	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.2
IV 1200	85.7	89.1	89.7	90.2	90.5	90.6	91.1	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.8
IV 1000	86.4	90.3	91.0	91.5	91.9	91.9	92.4	92.8	92.8	93.2	93.2	93.2	93.3	93.3	93.3	93.3
IV 900	86.5	90.4	91.2	91.7	92.0	92.1	92.6	92.9	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.5
IV 800	86.8	91.0	91.9	92.4	92.8	92.9	93.4	93.8	93.8	94.2	94.2	94.2	94.3	94.3	94.3	94.4
IV 700	86.9	91.3	92.2	92.7	93.1	93.2	93.8	94.2	94.2	94.6	94.7	94.7	94.8	94.8	94.8	94.9
IV 600	87.1	91.7	92.6	93.1	93.5	93.6	94.2	94.6	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.3
IV 500	87.2	92.0	93.0	93.5	93.9	94.0	94.6	95.1	95.1	95.6	95.7	95.7	95.8	95.8	95.8	95.8
IV 400	87.4	92.3	93.4	94.0	94.4	94.6	95.2	95.8	95.8	96.4	96.5	96.5	96.5	96.5	96.5	96.7
IV 300	87.4	92.4	93.6	94.1	94.6	94.8	95.4	96.1	96.1	96.9	97.1	97.1	97.4	97.4	97.4	97.5
IV 200	87.5	92.5	93.6	94.2	94.9	95.0	95.7	96.4	96.4	97.3	97.4	97.5	97.8	97.8	97.9	98.0
IV 100	87.5	92.5	93.6	94.3	95.0	95.1	95.7	96.6	96.6	97.8	98.0	98.1	98.7	98.7	98.9	99.1
IV 0	87.5	92.5	93.6	94.3	95.0	95.1	95.9	96.6	96.6	97.8	98.0	98.1	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2312

2
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING V 20000	68.3 73.4	70.1 75.4	70.6 75.9	71.0 76.3	71.1 76.5	71.3 76.6	71.5 76.8	71.5 76.8	71.5 76.8	71.5 76.8	71.7 77.0	71.7 77.0	71.7 77.0	71.7 77.0	71.7 77.0	71.7 77.0
IV 18000 14000	73.5 72.6	75.5 75.4	76.0 76.2	76.4 76.5	76.5 76.7	76.7 76.8	76.8 77.0	76.8 77.0	76.8 77.0	76.9 77.1	77.1 77.2	77.1 77.2	77.1 77.2	77.1 77.2	77.1 77.2	77.1 77.2
IV 14000 12000	74.3 75.4	76.3 77.5	76.8 78.1	77.2 78.5	77.4 78.6	77.5 78.8	77.7 78.9	77.7 79.0	77.7 79.0	77.8 79.1	77.9 79.2	77.9 79.2	77.9 79.2	77.9 79.2	77.9 79.2	77.9 79.2
IV 10000 9000	76.7 76.8	78.9 79.0	79.5 79.6	79.8 80.0	80.0 80.2	80.2 80.4	80.3 80.5	80.4 80.6	80.4 80.6	80.5 80.7	80.6 80.8	80.6 80.8	80.6 80.8	80.6 80.8	80.6 80.8	80.6 80.8
IV 8000 7000	77.3 77.7	79.6 80.2	80.2 80.8	80.6 81.2	80.8 81.4	81.0 81.5	81.2 81.8	81.2 81.8	81.2 81.8	81.3 81.9	81.4 82.0	81.4 82.0	81.4 82.0	81.4 82.0	81.4 82.0	81.4 82.0
IV 6000 5000	78.6 79.2	81.1 81.7	81.7 82.3	82.1 82.8	82.3 83.0	82.5 83.2	82.7 83.5	82.8 83.5	82.8 83.6	82.9 83.6	83.0 83.8	83.0 83.8	83.0 83.8	83.0 83.8	83.0 83.8	83.0 83.8
IV 4500 4000	79.6 80.2	82.1 82.8	82.7 83.4	83.2 83.8	83.4 84.0	83.6 84.3	83.9 84.5	83.9 84.6	83.9 84.6	84.0 84.7	84.2 84.8	84.2 84.8	84.2 84.8	84.2 84.8	84.2 84.8	84.2 84.8
IV 3500 3000	80.2 80.6	82.9 83.3	83.5 83.9	83.9 84.4	84.1 84.6	84.4 84.9	84.6 85.2	84.6 85.2	84.7 85.2	84.8 85.3	84.9 85.5	84.9 85.5	84.9 85.5	84.9 85.5	84.9 85.5	84.9 85.5
IV 2500 2000	81.3 81.9	84.1 84.7	84.7 85.3	85.2 85.9	85.4 86.1	85.7 86.3	85.9 86.6	86.0 86.6	86.0 86.7	86.1 86.8	86.2 86.9	86.2 86.9	86.3 86.9	86.3 86.9	86.3 86.9	86.3 86.9
IV 1800 1500	81.9 82.2	84.8 85.6	85.5 86.2	86.0 86.8	86.2 87.0	86.5 87.3	86.8 87.6	86.8 87.6	86.9 87.7	86.9 87.8	87.1 87.9	87.1 87.9	87.1 87.9	87.1 87.9	87.1 87.9	87.1 87.9
IV 1700 1000	83.1 83.3	86.6 87.0	87.4 87.8	88.0 88.4	88.3 88.6	88.5 88.9	88.8 89.3	89.0 89.6	89.1 89.6	89.2 89.8	89.3 89.9	89.3 89.9	89.4 90.0	89.4 90.0	89.4 90.0	89.4 90.0
IV 900 800	83.5 83.9	87.2 87.9	88.0 88.6	88.7 89.4	88.9 89.6	89.3 89.9	89.6 90.4	89.9 90.6	89.9 90.7	90.2 91.1	90.3 91.2	90.3 91.2	90.5 91.4	90.5 91.4	90.5 91.4	90.5 91.4
IV 700 600	84.5 84.6	88.6 88.9	89.4 89.7	90.2 90.6	90.5 90.9	90.8 91.2	91.2 91.6	91.5 91.9	91.5 92.0	92.0 92.6	92.2 92.7	92.2 92.7	92.6 93.1	92.6 93.1	92.6 93.1	92.6 93.2
IV 500 400	84.8 84.9	89.6 89.9	90.6 90.9	91.5 91.9	91.9 92.4	92.2 92.8	92.7 93.3	93.1 94.0	93.2 94.1	93.8 94.8	94.0 95.0	94.0 95.0	94.5 95.4	94.5 95.4	94.5 95.4	94.5 95.5
IV 300 200	84.9 84.9	90.0 90.1	91.3 91.3	92.3 92.5	92.8 93.0	93.2 93.3	93.6 93.9	94.4 94.7	94.5 94.8	95.3 95.7	95.6 96.1	95.6 96.1	96.2 96.6	96.2 96.7	96.3 96.8	96.3 96.8
IV 100 0	84.9 84.9	90.1 90.1	91.4 91.4	92.5 92.5	93.1 93.1	93.5 93.5	94.1 94.1	94.9 94.9	95.0 95.0	96.4 96.4	97.0 97.0	97.0 97.1	97.7 97.8	97.8 98.0	98.2 98.4	98.4 100.0

TOTAL NUMBER OF OBSERVATIONS 2298

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	59.8 67.0	62.2 69.9	63.2 71.0	63.6 71.4	64.2 72.1	64.4 72.2	64.5 72.4	64.5 72.4	64.5 72.4	64.7 72.6	64.7 72.6	64.7 72.6	65.0 72.9	65.0 73.0	65.1 73.0	65.2 73.1
IV 18000 16000	67.1 67.4	70.0 70.3	71.1 71.4	71.6 71.8	72.2 72.5	72.4 72.6	72.5 72.7	72.5 72.8	72.5 72.8	72.7 73.0	72.7 73.0	72.7 73.0	73.0 73.3	73.0 73.3	73.1 73.4	73.3 73.5
IV 14000 12000	68.7 71.4	71.6 74.4	72.7 75.6	73.2 76.0	73.9 76.7	74.0 76.8	74.1 77.0	74.2 77.0	74.2 77.0	74.4 77.2	74.4 77.2	74.4 77.2	74.7 77.6	74.7 77.6	74.8 77.6	75.0 77.8
IV 10000 9000	73.0 73.1	76.2 76.3	77.6 77.7	78.0 78.2	78.7 78.9	78.9 79.0	79.0 79.1	79.0 79.2	79.0 79.2	79.3 79.4	79.3 79.4	79.3 79.4	79.6 79.7	79.6 79.8	79.7 79.8	79.8 79.9
IV 8000 7000	74.2 74.5	77.4 77.7	78.9 79.2	79.5 79.8	80.2 80.5	80.3 80.6	80.4 80.7	80.5 80.8	80.5 80.8	80.7 81.0	80.7 81.0	80.7 81.0	81.0 81.3	81.0 81.4	81.1 81.4	81.3 81.6
IV 6000 5000	75.2 75.8	78.4 79.2	79.9 80.8	80.5 81.4	81.2 82.2	81.3 82.3	81.5 82.5	81.5 82.5	81.5 82.5	81.7 82.7	81.7 82.7	81.7 82.7	82.1 83.1	82.1 83.1	82.2 83.2	82.3 83.3
IV 4500 4000	76.1 76.5	79.5 80.0	81.1 81.6	81.7 82.2	82.5 83.0	82.6 83.1	82.8 83.3	82.8 83.4	82.8 83.4	83.0 83.6	83.0 83.6	83.0 83.6	83.4 83.9	83.4 84.0	83.5 84.0	83.6 84.2
IV 3500 3000	76.7 77.0	80.2 80.6	81.8 82.4	82.5 83.0	83.2 83.8	83.3 83.9	83.6 84.2	83.6 84.2	83.6 84.2	83.9 84.4	83.9 84.4	83.9 84.4	84.2 84.8	84.2 84.8	84.3 84.9	84.4 85.0
IV 2500 2000	77.7 78.3	81.4 82.0	83.1 83.8	83.8 84.5	84.5 85.2	84.6 85.4	84.9 85.7	84.9 85.7	84.9 85.7	85.2 85.9	85.2 85.9	85.2 85.9	85.5 86.3	85.5 86.3	85.6 86.4	85.7 86.5
IV 1800 1500	78.5 79.1	82.5 83.4	84.2 85.2	85.0 86.0	85.8 86.8	85.9 86.9	86.2 87.2	86.3 87.3	86.3 87.3	86.5 87.5	86.5 87.5	86.5 87.5	86.9 87.9	86.9 87.9	87.0 88.0	87.1 88.1
IV 1200 1000	79.3 79.8	83.9 84.9	85.7 86.7	86.5 87.6	87.2 88.5	87.4 88.6	87.8 89.0	87.9 89.1	87.9 89.1	88.1 89.5	88.1 89.5	88.1 89.5	88.5 89.8	88.5 89.9	88.5 90.0	88.7 90.1
IV 900 800	80.0 80.2	85.1 85.5	87.1 87.7	88.0 88.7	88.9 89.6	89.1 89.8	89.5 90.2	89.6 90.3	89.6 90.3	89.9 90.6	89.9 90.6	89.9 90.6	90.0 90.7	90.0 90.7	90.4 91.2	90.5 91.3
IV 700 600	80.3 80.6	85.8 86.3	88.1 88.7	89.3 90.0	90.3 91.0	90.5 91.2	91.0 91.8	91.1 91.9	91.1 91.9	91.4 92.3	91.6 92.3	91.7 92.3	92.3 92.6	92.3 93.2	92.4 93.2	92.6 93.4
IV 500 400	80.8 80.9	86.8 87.1	89.4 89.9	90.8 91.2	91.9 92.4	92.1 92.6	92.8 93.4	93.0 93.7	93.0 93.7	93.4 94.4	93.7 94.4	93.8 94.4	94.4 95.4	94.4 95.4	94.5 95.5	94.7 95.7
IV 300 200	80.9 80.9	87.2 87.2	90.0 90.0	91.5 91.5	92.8 92.8	93.0 93.1	94.1 94.1	94.4 94.5	94.4 94.5	95.2 95.4	95.5 95.9	95.6 96.0	96.5 97.1	96.5 97.1	96.6 97.2	96.8 97.6
IV 100 0	80.9 80.9	87.2 87.2	90.1 90.1	91.5 91.5	92.9 92.9	93.1 93.1	94.2 94.2	94.5 94.5	94.6 94.6	95.5 95.5	96.0 96.0	96.1 96.1	97.4 97.4	97.5 97.5	98.3 98.3	98.9 100.0

TOTAL NUMBER OF OBSERVATIONS 2304

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.6	63.1	64.2	65.1	65.9	65.9	66.5	66.6	66.6	66.9	67.0	67.0	67.3	67.3	67.5	67.5
≥ 20000	67.9	72.0	73.3	74.3	75.2	75.2	75.8	76.0	76.0	76.3	76.5	76.5	76.7	76.8	77.0	77.0
IV 18000	68.2	72.3	73.6	74.5	75.5	75.5	76.1	76.2	76.2	76.6	76.8	76.8	77.0	77.1	77.3	77.3
IV 16000	68.8	72.9	74.2	75.2	76.1	76.1	76.8	76.9	76.9	77.2	77.4	77.4	77.6	77.7	77.9	77.9
IV 14000	69.7	73.5	75.2	76.2	77.1	77.1	77.6	77.9	77.9	78.2	78.4	78.4	78.6	78.7	78.9	78.9
IV 12000	72.1	76.5	77.8	78.8	79.8	79.8	80.5	80.6	80.6	81.0	81.1	81.1	81.4	81.4	81.7	81.7
IV 10000	73.2	77.6	79.0	80.1	81.2	81.2	81.9	82.0	82.0	82.4	82.6	82.6	82.8	82.9	83.1	83.1
IV 9000	73.5	77.9	79.2	80.4	81.5	81.5	82.2	82.3	82.3	82.7	82.8	82.8	83.0	83.1	83.3	83.3
IV 8000	74.2	78.8	80.1	81.3	82.4	82.4	83.1	83.2	83.2	83.6	83.7	83.7	84.0	84.0	84.3	84.3
IV 7000	74.7	79.3	80.6	81.8	82.9	82.9	83.6	83.7	83.7	84.1	84.3	84.3	84.5	84.6	84.8	84.8
IV 6000	75.3	79.9	81.3	82.5	83.6	83.6	84.3	84.4	84.4	84.8	85.0	85.0	85.2	85.3	85.5	85.5
IV 5000	75.7	80.4	81.8	83.3	84.3	84.3	85.1	85.2	85.2	85.6	85.7	85.7	85.9	86.0	86.3	86.3
IV 4500	76.0	80.7	82.2	83.6	84.7	84.7	85.4	85.6	85.6	85.9	86.1	86.1	86.3	86.4	86.6	86.6
IV 4000	76.5	81.5	83.0	84.4	85.5	85.5	86.2	86.3	86.3	86.7	86.9	86.9	87.1	87.2	87.4	87.4
IV 3500	76.8	81.7	83.2	84.6	85.7	85.7	86.5	86.6	86.6	86.9	87.1	87.1	87.3	87.4	87.6	87.6
IV 3000	77.0	82.0	83.4	84.9	86.0	86.0	86.8	86.9	86.9	87.3	87.5	87.5	87.7	87.8	88.0	88.0
IV 2500	77.5	82.7	84.1	85.6	86.7	86.7	87.5	87.6	87.6	88.0	88.2	88.2	88.4	88.5	88.7	88.7
IV 2000	78.2	83.7	85.1	86.6	87.7	87.7	88.5	88.6	88.6	88.9	89.1	89.1	89.3	89.5	89.7	89.7
IV 1800	78.4	84.0	85.4	86.9	88.0	88.0	88.8	88.9	88.9	89.2	89.4	89.4	89.6	89.8	90.0	90.0
IV 1500	78.8	84.6	86.1	87.6	88.8	88.8	89.5	89.7	89.7	90.0	90.2	90.2	90.5	90.6	90.8	90.8
IV 1200	79.4	85.6	87.2	88.7	89.9	89.9	90.7	90.9	90.9	91.3	91.5	91.5	91.8	92.0	92.2	92.2
IV 1000	79.8	86.6	88.2	90.1	91.5	91.5	92.3	92.6	92.6	93.0	93.3	93.3	93.6	93.8	94.0	94.1
IV 900	80.0	87.0	88.8	90.7	92.2	92.2	93.0	93.3	93.3	93.8	94.1	94.1	94.4	94.5	94.8	94.8
IV 800	80.1	87.2	89.1	91.2	92.6	92.6	93.5	94.0	94.0	94.4	94.8	94.8	95.1	95.2	95.4	95.5
IV 700	80.2	87.4	89.3	91.5	93.1	93.1	94.1	94.5	94.5	95.0	95.4	95.4	95.8	96.0	96.2	96.3
IV 600	80.4	87.7	89.6	91.8	93.4	93.5	94.5	94.9	94.9	95.4	95.9	96.1	96.4	96.6	96.8	97.1
IV 500	80.5	87.9	90.0	92.3	94.0	94.1	95.2	95.6	95.7	96.2	96.6	96.8	97.2	97.4	97.7	97.9
IV 400	80.5	87.9	90.0	92.4	94.1	94.2	95.4	95.9	96.0	96.6	97.1	97.2	97.7	97.9	98.2	98.4
IV 300	80.5	87.9	90.0	92.4	94.3	94.4	95.7	96.2	96.3	97.0	97.5	97.7	98.2	98.4	98.7	99.0
IV 200	80.5	87.9	90.0	92.4	94.3	94.4	95.7	96.3	96.3	97.1	97.6	97.8	98.3	98.5	98.8	99.1
IV 100	80.5	87.9	90.0	92.4	94.3	94.4	95.7	96.3	96.3	97.1	97.7	97.9	98.5	98.7	99.1	99.7
IV 0	80.5	87.9	90.0	92.4	94.3	94.4	95.7	96.3	96.3	97.1	97.7	97.9	98.5	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2306

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46-52-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.1	60.0	60.9	61.8	62.8	62.8	63.4	63.5	63.5	64.1	64.2	64.2	64.4	64.4	64.5	64.5
IV 20000	67.7	72.5	73.6	74.6	75.7	75.7	76.5	76.6	76.6	77.3	77.4	77.4	77.7	77.7	77.8	77.8
IV 18000	68.3	73.0	74.1	75.1	76.3	76.3	77.1	77.2	77.2	77.9	78.0	78.0	78.3	78.3	78.4	78.4
IV 16000	68.8	73.5	74.6	75.6	76.8	76.8	77.6	77.7	77.7	78.4	78.5	78.5	78.8	78.8	78.9	78.9
IV 14000	69.6	74.4	75.6	76.6	77.7	77.7	78.6	78.7	78.7	79.4	79.5	79.5	79.8	79.8	79.9	79.9
IV 12000	71.3	76.2	77.6	78.6	80.0	80.0	80.9	81.0	81.0	81.7	81.8	81.8	82.1	82.1	82.2	82.2
IV 10000	72.2	77.2	78.5	79.6	81.0	81.1	82.0	82.1	82.1	82.9	83.0	83.0	83.3	83.3	83.4	83.4
IV 8000	72.4	77.4	78.7	79.8	81.2	81.2	82.2	82.3	82.3	83.1	83.2	83.2	83.5	83.5	83.5	83.5
IV 7000	73.2	78.3	79.6	80.7	82.1	82.2	83.1	83.2	83.2	84.0	84.1	84.1	84.4	84.4	84.5	84.5
IV 6000	73.6	78.9	80.2	81.2	82.7	82.7	83.7	83.8	83.8	84.5	84.7	84.7	85.0	85.1	85.1	85.1
IV 5000	74.6	79.9	81.3	82.4	84.0	84.0	85.0	85.1	85.1	85.9	86.0	86.0	86.4	86.4	86.5	86.5
IV 4500	75.2	80.6	82.1	83.2	84.9	85.0	86.0	86.1	86.1	86.9	87.0	87.0	87.4	87.4	87.5	87.5
IV 4000	75.9	81.3	82.8	83.9	85.6	85.7	86.7	86.8	86.8	87.6	87.7	87.7	88.1	88.1	88.1	88.1
IV 3500	76.7	82.4	84.0	85.1	86.8	86.8	87.8	87.9	87.9	88.8	88.9	88.9	89.2	89.3	89.3	89.3
IV 3000	77.1	82.8	84.3	85.5	87.1	87.2	88.2	88.3	88.3	89.1	89.3	89.3	89.6	89.7	89.7	89.7
IV 2500	77.6	83.4	85.1	86.3	88.0	88.1	89.1	89.2	89.2	90.1	90.2	90.2	90.5	90.6	90.6	90.6
IV 2000	78.2	84.2	85.9	87.1	88.8	88.9	90.0	90.1	90.1	90.9	91.1	91.1	91.4	91.5	91.5	91.5
IV 1800	78.9	85.4	87.1	88.4	90.1	90.2	91.2	91.4	91.4	92.2	92.3	92.3	92.7	92.8	92.8	92.8
IV 1500	79.0	85.6	87.4	88.6	90.3	90.4	91.4	91.6	91.6	92.4	92.5	92.5	92.9	93.0	93.1	93.1
IV 1200	79.5	86.4	88.3	89.5	91.5	91.4	92.4	92.6	92.6	93.4	93.6	93.6	94.0	94.1	94.1	94.2
IV 1000	79.9	86.9	88.9	90.4	92.2	92.4	93.4	93.6	93.7	94.5	94.7	94.7	95.0	95.1	95.2	95.2
IV 900	80.2	87.4	89.5	91.1	92.8	93.0	94.1	94.4	94.4	95.3	95.4	95.4	95.8	95.9	96.0	96.0
IV 800	80.2	87.8	89.9	91.6	93.4	93.5	94.7	94.9	95.0	95.8	96.0	96.0	96.4	96.5	96.5	96.6
IV 700	80.2	88.0	90.2	91.9	93.7	93.8	95.0	95.2	95.3	96.2	96.5	96.5	96.8	97.0	97.0	97.0
IV 600	80.2	88.1	90.4	92.3	94.1	94.2	95.4	95.7	95.8	96.8	97.1	97.1	97.4	97.6	97.6	97.7
IV 500	80.2	88.2	90.5	92.4	94.2	94.4	95.7	96.0	96.0	97.1	97.4	97.4	97.7	97.9	97.9	98.0
IV 400	80.2	88.2	90.6	92.5	94.4	94.7	95.9	96.3	96.4	97.4	97.7	97.7	98.2	98.3	98.4	98.5
IV 300	80.2	88.3	90.6	92.6	94.6	94.9	96.1	96.6	96.6	97.7	98.0	98.0	98.5	98.7	98.8	98.9
IV 200	80.2	88.3	90.7	92.6	94.7	95.0	96.3	96.7	96.8	97.9	98.2	98.2	98.8	98.9	99.0	99.3
IV 100	80.2	88.3	90.7	92.7	94.7	95.0	96.4	96.9	96.9	98.1	98.4	98.4	99.0	99.1	99.3	99.7
IV 0	80.2	88.3	90.7	92.7	94.7	95.0	96.4	96.9	96.9	98.1	98.4	98.4	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2303

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.6	57.6	58.4	59.2	60.5	60.6	60.9	61.1	61.1	61.6	61.6	61.6	61.8	61.8	61.9	61.9
IV 18000	68.0	71.7	72.8	73.8	75.2	75.3	75.9	76.1	76.1	76.6	76.7	76.7	76.9	76.9	77.0	77.0
IV 16000	68.4	72.1	73.2	74.2	75.6	75.8	76.3	76.5	76.5	77.2	77.2	77.2	77.4	77.4	77.5	77.6
IV 14000	69.0	72.8	73.9	74.9	76.4	76.5	77.1	77.3	77.4	78.0	78.1	78.1	78.2	78.2	78.3	78.4
IV 12000	69.8	73.7	74.8	75.9	77.3	77.5	78.1	78.3	78.3	79.0	79.1	79.1	79.3	79.3	79.4	79.4
IV 10000	72.3	76.4	77.7	78.7	80.4	80.5	81.1	81.3	81.4	82.1	82.2	82.2	82.3	82.3	82.4	82.5
IV 9000	73.3	77.7	79.0	80.1	81.9	82.0	82.6	82.8	82.9	83.6	83.7	83.7	83.9	83.9	84.0	84.0
IV 8000	73.6	77.9	79.2	80.3	82.0	82.2	82.8	83.0	83.0	83.8	83.9	83.9	84.0	84.0	84.1	84.2
IV 7000	74.6	78.9	80.3	81.4	83.2	83.3	84.0	84.2	84.2	85.0	85.0	85.0	85.2	85.2	85.3	85.4
IV 6000	75.4	80.0	81.3	82.5	84.3	84.4	85.0	85.2	85.3	86.0	86.1	86.1	86.3	86.3	86.5	86.5
IV 5000	76.4	81.1	82.5	83.7	85.6	85.7	86.4	86.6	86.7	87.5	87.6	87.6	87.8	87.8	88.0	88.0
IV 4500	77.6	82.3	83.9	85.0	87.0	87.1	87.8	88.0	88.1	88.9	89.0	89.0	89.1	89.1	89.4	89.4
IV 4000	78.0	82.8	84.4	85.6	87.5	87.7	88.3	88.6	88.6	89.5	89.5	89.5	89.7	89.7	89.9	90.0
IV 3500	78.9	83.8	85.5	86.7	88.7	88.8	89.5	89.8	89.9	90.8	90.8	90.8	91.0	91.0	91.2	91.3
IV 3000	79.3	84.1	85.8	87.1	89.1	89.2	89.9	90.2	90.3	91.2	91.2	91.2	91.4	91.4	91.6	91.7
IV 2500	80.0	85.1	86.8	88.1	90.2	90.4	91.1	91.4	91.4	92.3	92.4	92.4	92.5	92.5	92.8	92.8
IV 2000	80.4	85.7	87.4	88.7	90.8	91.0	91.7	92.0	92.1	92.9	93.0	93.0	93.2	93.2	93.4	93.5
IV 1800	80.9	86.6	88.4	89.7	91.9	92.1	92.8	93.1	93.1	94.1	94.2	94.2	94.4	94.4	94.6	94.6
IV 1500	81.0	86.7	88.4	89.8	92.0	92.2	92.9	93.2	93.2	94.2	94.2	94.2	94.5	94.5	94.7	94.7
IV 1200	81.6	87.6	89.4	90.8	92.9	93.2	93.9	94.2	94.2	95.2	95.3	95.3	95.5	95.5	95.7	95.8
IV 1000	81.8	88.1	89.8	91.2	93.4	93.6	94.4	94.7	94.7	95.7	95.8	95.8	96.0	96.0	96.2	96.3
IV 900	82.0	88.7	90.5	92.0	94.2	94.4	95.2	95.5	95.5	96.5	96.6	96.6	96.8	96.8	97.0	97.1
IV 800	82.0	88.8	90.6	92.2	94.3	94.6	95.3	95.6	95.7	96.6	96.7	96.7	96.9	96.9	97.2	97.3
IV 700	82.0	88.8	90.8	92.3	94.5	94.7	95.5	95.9	95.9	97.0	97.1	97.1	97.3	97.3	97.5	97.6
IV 600	82.0	88.9	90.8	92.4	94.6	94.9	95.6	96.0	96.1	97.1	97.2	97.2	97.4	97.4	97.6	97.7
IV 500	82.1	89.1	91.1	92.6	94.9	95.2	95.9	96.3	96.4	97.4	97.5	97.5	97.7	97.7	98.0	98.0
IV 400	82.1	89.1	91.2	92.8	95.2	95.4	96.2	96.6	96.7	97.8	97.9	97.9	98.2	98.2	98.6	98.6
IV 300	82.1	89.1	91.2	92.9	95.3	95.5	96.3	96.7	96.8	97.9	98.0	98.0	98.3	98.3	98.7	98.8
IV 200	82.1	89.1	91.2	93.0	95.5	95.7	96.6	97.0	97.2	98.3	98.4	98.5	98.9	98.9	99.3	99.5
IV 100	82.1	89.1	91.2	93.0	95.5	95.7	96.6	97.1	97.2	98.3	98.5	98.6	99.0	99.0	99.4	99.8
IV 0	82.1	89.1	91.2	93.0	95.5	95.7	96.6	97.1	97.2	98.3	98.5	98.6	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2294

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.7	69.1	69.8	70.2	70.7	70.7	70.9	70.9	70.9	71.2	71.4	71.4	71.5	71.5	71.5	71.5
≥ 20000	74.2	77.9	78.6	79.1	79.6	79.7	79.9	79.9	79.9	80.2	80.4	80.4	80.5	80.5	80.5	80.5
IV 18000	74.5	78.3	78.9	79.4	80.0	80.0	80.3	80.3	80.3	80.5	80.8	80.8	80.8	80.8	80.9	80.9
IV 16000	75.0	78.7	79.4	79.9	80.5	80.5	80.8	80.8	80.8	81.1	81.3	81.3	81.4	81.4	81.5	81.5
V 14000	76.3	80.1	80.8	81.3	81.9	81.9	82.2	82.2	82.2	82.5	82.8	82.8	82.8	82.8	82.9	82.9
IV 12000	78.3	82.4	83.0	83.5	84.2	84.3	84.6	84.6	84.6	84.9	85.1	85.1	85.2	85.2	85.2	85.2
V 10000	80.3	84.4	85.1	85.7	86.4	86.4	86.7	86.7	86.7	87.0	87.3	87.3	87.4	87.4	87.4	87.4
IV 9000	80.5	84.7	85.4	85.9	86.6	86.6	86.9	86.9	86.9	87.2	87.5	87.5	87.6	87.6	87.7	87.7
IV 8000	81.1	85.5	86.2	86.7	87.4	87.5	87.8	87.8	87.8	88.1	88.4	88.4	88.5	88.5	88.5	88.5
IV 7000	81.8	86.2	86.9	87.4	88.2	88.3	88.6	88.6	88.6	88.9	89.2	89.2	89.3	89.3	89.4	89.4
IV 6000	83.0	87.6	88.3	88.8	89.6	89.7	90.0	90.0	90.0	90.3	90.6	90.6	90.7	90.7	90.8	90.8
IV 5000	83.8	88.9	89.7	90.2	91.0	91.0	91.4	91.4	91.4	91.7	92.0	92.0	92.1	92.1	92.1	92.1
IV 4500	83.9	89.0	89.8	90.3	91.1	91.2	91.5	91.5	91.5	91.8	92.1	92.1	92.3	92.3	92.3	92.3
IV 4000	84.3	89.6	90.4	91.0	91.9	91.9	92.3	92.3	92.3	92.6	92.9	92.9	93.0	93.0	93.0	93.0
IV 3500	84.5	89.9	90.7	91.4	92.3	92.4	92.7	92.7	92.7	93.0	93.4	93.4	93.5	93.5	93.5	93.5
IV 3000	85.1	90.7	91.6	92.2	93.1	93.2	93.6	93.6	93.6	94.0	94.3	94.3	94.4	94.4	94.5	94.5
IV 2500	85.2	90.9	91.7	92.4	93.3	93.4	93.8	93.8	93.8	94.2	94.5	94.5	94.7	94.7	94.7	94.7
IV 2000	85.6	91.3	92.1	92.7	93.7	93.7	94.2	94.2	94.2	94.6	94.9	94.9	95.0	95.0	95.1	95.1
IV 1800	85.6	91.3	92.2	92.8	93.8	93.8	94.3	94.3	94.3	94.7	95.0	95.0	95.1	95.1	95.2	95.2
IV 1500	86.0	92.0	92.9	93.5	94.5	94.5	95.0	95.0	95.0	95.4	95.7	95.7	95.8	95.8	95.9	95.9
IV 1200	86.1	92.2	93.0	93.7	94.7	94.7	95.1	95.1	95.1	95.6	95.9	95.9	96.0	96.0	96.0	96.1
IV 1000	86.3	92.6	93.5	94.1	95.1	95.1	95.7	95.7	95.7	96.1	96.4	96.4	96.5	96.5	96.6	96.6
IV 900	86.4	92.8	93.8	94.5	95.4	95.5	96.0	96.0	96.0	96.4	96.7	96.7	96.9	96.9	96.9	97.0
IV 800	86.4	92.9	93.9	94.6	95.5	95.6	96.1	96.1	96.1	96.5	96.8	96.8	97.0	97.0	97.0	97.1
IV 700	86.4	92.9	94.0	94.8	95.7	95.8	96.3	96.4	96.4	96.8	97.1	97.1	97.3	97.3	97.3	97.4
IV 600	86.6	93.1	94.3	95.0	96.0	96.0	96.6	96.7	96.7	97.1	97.4	97.4	97.6	97.6	97.6	97.7
IV 500	86.6	93.2	94.4	95.3	96.2	96.3	96.9	96.9	97.0	97.5	97.8	97.8	98.2	98.2	98.3	98.3
IV 400	86.6	93.2	94.6	95.4	96.4	96.4	97.1	97.1	97.3	97.8	98.2	98.2	98.7	98.7	98.7	98.7
IV 300	86.7	93.3	94.8	95.7	96.7	96.8	97.4	97.5	97.7	98.2	98.7	98.7	99.1	99.1	99.2	99.2
IV 200	86.7	93.3	94.8	95.7	96.7	96.8	97.4	97.6	97.7	98.3	98.9	98.9	99.3	99.3	99.4	99.5
IV 100	86.7	93.3	94.8	95.7	96.7	96.8	97.5	97.7	97.8	98.4	99.0	99.0	99.5	99.6	99.6	99.7
IV 0	86.7	93.3	94.8	95.7	96.7	96.8	97.5	97.7	97.8	98.4	99.0	99.0	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2302

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.0	75.9	76.2	76.6	77.0	77.0	77.1	77.3	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6
IV 20000	77.9	81.1	81.4	81.8	82.2	82.2	82.3	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8
IV 18000	78.0	81.2	81.5	81.9	82.3	82.3	82.4	82.6	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9
IV 16000	78.2	81.4	81.7	82.1	82.5	82.5	82.6	82.8	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1
IV 14000	79.0	82.3	82.6	83.0	83.4	83.4	83.6	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
IV 12000	80.4	83.9	84.3	84.6	85.1	85.1	85.2	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7
IV 10000	82.0	85.7	86.1	86.5	87.0	87.0	87.2	87.3	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.7
IV 9000	82.2	85.9	86.2	86.7	87.2	87.2	87.3	87.5	87.5	87.7	87.8	87.8	87.9	87.9	87.9	87.9
IV 8000	82.9	86.6	87.0	87.5	88.0	88.1	88.2	88.4	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7
IV 7000	83.6	87.4	87.8	88.2	88.8	88.8	88.9	89.1	89.1	89.3	89.4	89.4	89.5	89.5	89.5	89.5
IV 6000	84.1	87.9	88.3	88.8	89.3	89.4	89.5	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0
IV 5000	85.1	89.1	89.5	89.9	90.5	90.5	90.7	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2
IV 4500	85.2	89.2	89.6	90.0	90.6	90.6	90.8	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.3
IV 4000	85.5	89.4	89.8	90.3	90.8	90.9	91.0	91.2	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6
IV 3500	85.6	89.5	89.9	90.4	90.9	91.0	91.1	91.3	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7
IV 3000	86.1	90.2	90.6	91.1	91.6	91.7	91.9	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5
IV 2500	86.5	90.8	91.2	91.6	92.2	92.2	92.5	92.6	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1
IV 2000	86.8	91.2	91.7	92.1	92.7	92.7	92.9	93.1	93.1	93.4	93.5	93.5	93.6	93.6	93.6	93.6
IV 1800	86.9	91.3	91.8	92.2	92.8	92.8	93.0	93.2	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7
IV 1500	87.2	91.7	92.1	92.6	93.2	93.2	93.4	93.6	93.6	94.1	94.1	94.1	94.2	94.2	94.2	94.2
IV 1200	87.6	92.1	92.6	93.1	93.7	93.7	93.9	94.1	94.1	94.5	94.6	94.6	94.7	94.7	94.7	94.7
IV 1000	88.1	92.8	93.4	93.8	94.4	94.5	94.7	94.9	94.9	95.3	95.4	95.4	95.5	95.5	95.5	95.5
IV 900	88.2	93.1	93.6	94.1	94.7	94.7	94.8	95.0	95.1	95.1	95.6	95.7	95.7	95.7	95.7	95.7
IV 800	88.6	93.6	94.1	94.7	95.3	95.4	95.6	95.7	95.7	96.2	96.3	96.3	96.4	96.4	96.4	96.4
IV 700	88.6	93.7	94.2	94.8	95.4	95.4	95.7	95.9	95.9	96.3	96.4	96.4	96.5	96.5	96.5	96.5
IV 600	88.6	93.9	94.5	95.1	95.7	95.7	96.0	96.2	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	88.7	94.2	94.9	95.5	96.4	96.4	96.7	97.0	97.0	97.6	97.8	97.8	97.9	97.9	97.9	97.9
IV 400	88.9	94.4	95.3	95.9	96.8	96.9	97.2	97.5	97.6	98.2	98.4	98.4	98.6	98.6	98.6	98.6
IV 300	88.9	94.5	95.4	96.1	97.0	97.0	97.5	97.8	97.9	98.6	98.9	98.9	99.1	99.1	99.1	99.1
IV 200	88.9	94.5	95.4	96.1	97.0	97.1	97.6	97.9	98.0	98.7	98.9	98.9	99.2	99.2	99.2	99.3
IV 100	88.9	94.5	95.4	96.1	97.0	97.1	97.6	97.9	98.0	98.8	99.1	99.1	99.4	99.4	99.5	99.6
IV 0	88.9	94.5	95.4	96.1	97.0	97.1	97.6	97.9	98.0	98.8	99.2	99.2	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2305

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	75.1	77.8	78.4	78.4	78.7	78.8	78.8	78.9	78.9	79.0	79.1	79.1	79.2	79.2	79.3	79.3
IV 20000	80.1	82.9	83.5	83.7	83.9	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.5	84.5	84.6	84.6
IV 18000	80.2	83.0	83.6	83.7	84.0	84.0	84.1	84.2	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.6
IV 16000	80.2	83.1	83.7	83.8	84.1	84.1	84.2	84.3	84.3	84.4	84.5	84.5	84.7	84.7	84.7	84.7
IV 14000	80.7	83.5	84.2	84.3	84.6	84.6	84.7	84.8	84.8	84.9	85.0	85.0	85.2	85.2	85.2	85.2
IV 12000	81.9	84.8	85.5	85.6	85.9	85.9	86.0	86.1	86.1	86.2	86.3	86.3	86.5	86.5	86.6	86.6
IV 10000	83.4	86.5	87.2	87.3	87.6	87.6	87.7	87.8	87.8	87.9	88.0	88.0	88.2	88.2	88.3	88.3
IV 9000	83.7	86.9	87.5	87.6	87.9	87.9	88.0	88.1	88.1	88.2	88.3	88.3	88.6	88.6	88.6	88.6
IV 8000	84.2	87.4	88.1	88.2	88.5	88.6	88.6	88.7	88.7	88.9	88.9	88.9	89.2	89.2	89.2	89.2
IV 7000	84.4	87.6	88.3	88.4	88.7	88.7	88.8	88.9	88.9	89.0	89.1	89.1	89.4	89.4	89.4	89.4
IV 6000	85.0	88.2	88.9	89.0	89.3	89.3	89.4	89.5	89.5	89.6	89.7	89.7	90.0	90.0	90.0	90.0
IV 5000	85.6	88.8	89.4	89.6	89.8	89.9	89.9	90.1	90.1	90.2	90.3	90.3	90.6	90.6	90.6	90.6
IV 4500	85.9	89.1	89.8	89.9	90.2	90.2	90.3	90.4	90.4	90.5	90.6	90.6	90.9	90.9	90.9	90.9
IV 4000	86.4	89.6	90.3	90.4	90.7	90.7	90.8	90.9	90.9	91.1	91.1	91.1	91.4	91.4	91.5	91.5
IV 3500	86.6	89.9	90.6	90.7	91.0	91.0	91.1	91.2	91.2	91.4	91.5	91.5	91.8	91.8	91.8	91.8
IV 3000	87.1	90.4	91.1	91.2	91.5	91.5	91.5	91.7	91.7	91.9	92.0	92.0	92.3	92.3	92.4	92.4
IV 2500	87.5	91.0	91.7	91.8	92.1	92.1	92.2	92.3	92.3	92.6	92.6	92.6	92.9	92.9	93.0	93.0
IV 2000	87.7	91.3	91.9	92.1	92.4	92.4	92.4	92.6	92.6	92.8	92.9	92.9	93.2	93.2	93.2	93.2
IV 1800	87.7	91.4	92.0	92.2	92.4	92.5	92.5	92.7	92.7	92.9	93.0	93.0	93.3	93.3	93.3	93.3
IV 1500	87.9	91.6	92.3	92.4	92.7	92.7	92.8	92.9	92.9	93.2	93.2	93.2	93.5	93.5	93.6	93.6
IV 1200	88.4	92.4	93.1	93.2	93.5	93.5	93.6	93.7	93.7	94.0	94.0	94.0	94.3	94.3	94.4	94.4
IV 1000	88.9	93.0	93.7	93.9	94.1	94.2	94.2	94.4	94.4	94.6	94.7	94.7	95.0	95.0	95.0	95.0
IV 900	89.1	93.3	94.0	94.1	94.4	94.5	94.5	94.6	94.6	94.9	94.9	94.9	95.3	95.3	95.3	95.3
IV 800	89.7	93.9	94.6	94.8	95.0	95.1	95.1	95.3	95.3	95.5	95.6	95.6	95.9	95.9	95.9	95.9
IV 700	90.3	94.5	95.3	95.3	95.8	95.8	95.9	96.0	96.0	96.3	96.3	96.3	96.6	96.6	96.7	96.7
IV 600	90.4	94.9	95.8	96.2	96.6	96.6	96.7	96.9	96.9	97.1	97.2	97.2	97.5	97.5	97.5	97.5
IV 500	90.6	95.3	96.1	96.6	97.1	97.1	97.2	97.4	97.4	97.6	97.7	97.7	98.0	98.0	98.0	98.0
IV 400	90.7	95.6	96.7	97.2	97.8	97.8	97.9	98.0	98.0	98.3	98.4	98.4	98.7	98.7	98.7	98.7
IV 300	90.7	95.8	96.9	97.4	98.0	98.0	98.2	98.4	98.4	98.7	98.7	98.7	99.1	99.1	99.1	99.2
IV 200	90.7	95.8	97.0	97.5	98.1	98.2	98.4	98.6	98.6	98.9	99.1	99.1	99.4	99.4	99.5	99.6
IV 100	90.7	95.8	97.0	97.5	98.2	98.2	98.4	98.6	98.6	99.0	99.2	99.2	99.5	99.5	99.6	99.6
IV 0	90.7	95.8	97.0	97.5	98.2	98.2	98.4	98.6	98.6	99.0	99.2	99.2	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2236

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	70.6	73.6	74.1	74.6	74.9	74.9	75.1	75.1	75.2	75.4	75.4	75.4	75.5	75.5	75.6	75.6
≥ 20000	75.5	78.6	79.2	79.8	80.1	80.1	80.3	80.3	80.4	80.6	80.6	80.6	80.7	80.7	80.8	80.8
IV 18000	75.6	78.7	79.3	79.9	80.2	80.2	80.3	80.4	80.5	80.7	80.7	80.7	80.8	80.8	80.9	80.9
IV 16000	75.7	78.9	79.5	80.0	80.3	80.3	80.5	80.5	80.6	80.8	80.8	80.8	80.9	80.9	81.0	81.1
V 14000	76.5	79.7	80.3	80.8	81.2	81.2	81.3	81.3	81.4	81.6	81.6	81.6	81.7	81.7	81.8	81.9
IV 12000	77.1	80.3	80.9	81.5	81.8	81.8	82.0	82.0	82.1	82.3	82.3	82.3	82.4	82.4	82.5	82.5
IV 10000	78.3	81.7	82.4	82.9	83.3	83.3	83.4	83.4	83.5	83.7	83.7	83.7	83.8	83.8	83.9	84.0
IV 9000	78.6	82.1	82.7	83.2	83.6	83.6	83.7	83.8	83.8	84.0	84.0	84.0	84.1	84.2	84.2	84.3
IV 8000	79.5	82.9	83.5	84.1	84.3	84.5	84.6	84.6	84.7	84.9	84.9	84.9	85.0	85.0	85.1	85.2
IV 7000	79.8	83.3	84.0	84.5	84.9	84.9	85.0	85.1	85.2	85.4	85.4	85.4	85.5	85.5	85.6	85.6
IV 6000	80.4	83.9	84.6	85.2	85.6	85.6	85.7	85.8	85.9	86.0	86.0	86.0	86.1	86.2	86.3	86.3
IV 5000	80.9	84.5	85.3	85.8	86.2	86.2	86.4	86.4	86.5	86.7	86.7	86.7	86.8	86.8	86.9	87.0
IV 4500	81.2	84.9	85.7	86.2	86.6	86.6	86.8	86.8	86.9	87.1	87.1	87.1	87.2	87.2	87.3	87.4
IV 4000	81.6	85.4	86.2	86.7	87.1	87.1	87.3	87.3	87.4	87.6	87.6	87.6	87.7	87.7	87.8	87.9
IV 3500	82.0	85.7	86.5	87.0	87.4	87.4	87.6	87.6	87.7	87.9	87.9	87.9	88.0	88.0	88.1	88.2
IV 3000	82.6	86.4	87.2	87.7	88.1	88.1	88.3	88.4	88.5	88.7	88.7	88.7	88.8	88.8	88.9	88.9
IV 2500	83.3	87.2	88.0	88.6	89.0	89.0	89.2	89.2	89.3	89.5	89.5	89.5	89.6	89.7	89.7	89.8
IV 2000	83.7	87.8	88.5	89.2	89.6	89.6	89.7	89.8	89.9	90.1	90.1	90.1	90.2	90.2	90.3	90.4
IV 1800	83.8	88.0	88.8	89.4	89.8	89.8	90.0	90.0	90.1	90.3	90.3	90.3	90.4	90.5	90.6	90.6
IV 1500	84.2	88.5	89.3	89.9	90.3	90.3	90.5	90.6	90.6	90.9	90.9	90.9	91.0	91.0	91.1	91.1
IV 1200	84.6	89.1	89.9	90.6	91.0	91.0	91.2	91.2	91.3	91.5	91.5	91.5	91.6	91.7	91.8	91.8
IV 1000	85.3	90.1	90.9	91.6	92.0	92.0	92.2	92.2	92.3	92.5	92.5	92.5	92.6	92.7	92.8	92.8
IV 900	85.8	90.6	91.6	92.3	92.7	92.7	92.9	93.0	93.1	93.3	93.3	93.3	93.4	93.5	93.6	93.6
IV 800	86.2	91.4	92.3	93.2	93.6	93.6	93.7	93.8	93.9	94.1	94.1	94.1	94.2	94.3	94.4	94.4
IV 700	86.7	92.3	93.2	94.1	94.6	94.6	94.8	94.8	94.9	95.1	95.1	95.1	95.2	95.3	95.4	95.4
IV 600	87.0	92.8	93.7	94.7	95.3	95.3	95.4	95.5	95.6	95.8	95.8	95.8	95.9	96.0	96.1	96.1
IV 500	87.1	93.1	94.2	95.3	96.0	96.0	96.2	96.2	96.3	96.6	96.6	96.6	96.6	96.7	96.8	96.9
IV 400	87.2	93.3	94.6	95.9	96.7	96.8	97.0	97.0	97.1	97.4	97.4	97.4	97.5	97.6	97.7	97.8
IV 300	87.2	93.4	94.7	96.0	97.0	97.0	97.4	97.4	97.5	97.9	97.9	97.9	98.0	98.1	98.2	98.3
IV 200	87.2	93.6	94.9	96.2	97.1	97.2	97.5	97.6	97.7	98.2	98.2	98.2	98.3	98.6	98.7	98.8
IV 100	87.2	93.6	94.9	96.2	97.2	97.2	97.6	97.7	97.8	98.4	98.4	98.5	98.8	99.0	99.1	99.4
IV 0	87.2	93.6	94.9	96.2	97.2	97.2	97.6	97.7	97.8	98.4	98.5	98.5	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2234

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	61.0	63.9	64.4	65.1	65.8	65.8	66.3	66.3	66.4	66.8	66.9	67.0	67.1	67.2	67.5	67.6
IV 20000	69.6	72.8	73.4	74.2	75.0	75.1	75.6	75.6	75.7	76.1	76.2	76.2	76.4	76.5	76.8	77.0
IV 18000	69.6	72.8	73.4	74.2	75.0	75.1	75.6	75.6	75.7	76.1	76.2	76.2	76.4	76.5	76.8	77.0
IV 16000	69.7	73.0	73.6	74.4	75.2	75.3	75.8	75.8	75.8	76.2	76.4	76.4	76.6	76.6	77.0	77.1
IV 14000	70.6	73.9	74.5	75.3	76.2	76.2	76.7	76.7	76.8	77.2	77.3	77.4	77.5	77.6	77.9	78.1
IV 12000	72.0	75.4	76.0	76.8	77.6	77.7	78.2	78.2	78.3	78.7	78.8	78.8	79.0	79.1	79.4	79.6
IV 10000	73.8	77.2	77.9	78.7	79.6	79.6	80.1	80.1	80.2	80.6	80.7	80.8	81.0	81.0	81.3	81.5
IV 9000	74.0	77.5	78.2	78.9	79.8	79.8	80.3	80.4	80.4	80.8	81.0	81.0	81.2	81.2	81.5	81.7
IV 8000	75.4	79.0	79.7	80.5	81.4	81.4	81.9	82.0	82.0	82.5	82.6	82.7	82.8	82.9	83.2	83.4
IV 7000	75.9	79.5	80.2	81.0	81.9	81.9	82.4	82.5	82.5	83.0	83.1	83.1	83.3	83.4	83.7	83.9
IV 6000	76.5	80.1	80.9	81.8	82.7	82.7	83.2	83.3	83.3	83.8	83.9	84.0	84.1	84.2	84.5	84.7
IV 5000	76.8	80.5	81.2	82.1	83.0	83.1	83.6	83.6	83.7	84.2	84.3	84.4	84.5	84.6	84.9	85.1
IV 4500	77.0	80.7	81.5	82.4	83.3	83.4	83.9	84.0	84.0	84.5	84.6	84.7	84.8	84.9	85.2	85.4
IV 4000	77.5	81.5	82.3	83.2	84.1	84.3	84.8	84.8	84.8	85.3	85.5	85.5	85.7	85.7	86.1	86.2
IV 3500	77.8	81.8	82.5	83.5	84.4	84.6	85.1	85.1	85.2	85.7	85.8	85.8	86.0	86.1	86.4	86.6
IV 3000	78.3	82.3	83.0	84.0	84.9	85.1	85.6	85.6	85.7	86.1	86.3	86.3	86.5	86.6	86.9	87.0
IV 2500	78.9	82.9	83.7	84.7	85.6	85.8	86.3	86.3	86.4	86.9	87.0	87.0	87.2	87.3	87.6	87.8
IV 2000	79.9	84.0	84.8	85.8	86.7	86.9	87.4	87.4	87.5	88.0	88.1	88.2	88.3	88.4	88.7	88.9
IV 1800	80.2	84.4	85.2	86.1	87.0	87.3	87.8	87.8	87.9	88.3	88.5	88.5	88.7	88.7	89.1	89.2
IV 1500	81.1	85.5	86.3	87.3	88.3	88.4	88.9	89.0	89.0	89.6	89.7	89.7	89.9	90.0	90.3	90.5
IV 1200	82.1	86.8	87.6	88.7	89.7	89.9	90.4	90.5	90.5	91.0	91.2	91.2	91.4	91.4	91.8	91.9
IV 1000	82.9	87.9	88.7	90.0	91.0	91.2	91.5	91.8	91.8	92.4	92.5	92.6	92.7	92.8	93.1	93.3
IV 900	83.5	88.9	89.7	91.0	92.1	92.2	92.8	92.9	92.9	93.5	93.6	93.6	93.9	93.9	94.2	94.4
IV 800	83.8	89.3	90.1	91.4	92.5	92.7	93.3	93.3	93.4	93.9	94.0	94.1	94.3	94.4	94.7	94.8
IV 700	84.0	89.8	90.8	92.0	93.3	93.5	94.0	94.1	94.2	94.7	94.8	94.9	95.1	95.2	95.5	95.7
IV 600	84.2	90.3	91.3	92.6	94.0	94.3	94.8	94.9	95.0	95.5	95.7	95.7	95.9	96.0	96.3	96.5
IV 500	84.3	90.5	91.6	93.2	94.7	94.9	95.5	95.7	95.8	96.4	96.6	96.6	96.9	96.9	97.3	97.4
IV 400	84.4	90.8	91.9	93.5	95.0	95.4	96.1	96.4	96.4	97.1	97.4	97.4	97.7	97.8	98.1	98.3
IV 300	84.4	90.9	92.0	93.6	95.2	95.5	96.3	96.6	96.7	97.4	97.8	97.8	98.2	98.3	98.7	98.9
IV 200	84.4	90.9	92.0	93.6	95.2	95.5	96.3	96.6	96.7	97.6	98.2	98.2	98.6	98.7	99.1	99.4
IV 100	84.4	90.9	92.0	93.6	95.2	95.5	96.4	96.7	96.7	97.8	98.3	98.3	98.9	99.0	99.5	99.8
IV 0	84.4	90.9	92.0	93.6	95.2	95.5	96.4	96.7	96.7	97.8	98.3	98.3	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2231

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	60.8	64.4	65.1	65.9	66.7	66.9	67.0	67.0	67.0	67.4	67.6	67.7	67.8	68.0	68.1	68.1
IV 20000	70.7	74.9	75.7	76.5	77.3	77.5	77.7	77.7	77.7	78.2	78.3	78.4	78.6	78.7	78.8	78.9
IV 18000	70.8	75.0	75.8	76.6	77.4	77.6	77.8	77.8	77.8	78.3	78.4	78.5	78.7	78.8	78.9	79.0
IV 16000	71.6	75.8	76.6	77.5	78.3	78.4	78.6	78.7	78.7	79.1	79.3	79.4	79.5	79.7	79.8	79.8
IV 14000	72.1	76.4	77.3	78.1	78.9	79.0	79.3	79.3	79.3	79.8	79.9	80.0	80.2	80.3	80.4	80.4
IV 12000	73.6	78.0	78.8	79.7	80.5	80.6	80.8	80.9	80.9	81.3	81.5	81.5	81.7	81.7	82.0	82.0
IV 10000	74.7	79.3	80.1	81.0	81.8	82.0	82.2	82.2	82.2	82.7	82.8	82.9	83.1	83.2	83.3	83.3
IV 9000	75.5	80.0	80.8	81.7	82.5	82.7	82.9	82.9	82.9	83.4	83.5	83.6	83.8	83.9	84.0	84.1
IV 8000	76.4	81.1	82.0	82.9	83.7	83.8	84.1	84.1	84.1	84.5	84.7	84.8	85.0	85.1	85.2	85.2
IV 7000	77.0	81.8	82.6	83.5	84.3	84.5	84.7	84.7	84.7	85.2	85.3	85.4	85.6	85.7	85.8	85.8
IV 6000	77.3	82.2	83.0	84.0	84.8	84.9	85.1	85.2	85.2	85.6	85.8	85.8	86.0	86.2	86.3	86.3
IV 5000	78.3	83.4	84.2	85.2	86.0	86.2	86.4	86.4	86.4	86.9	87.0	87.1	87.3	87.4	87.5	87.6
IV 4500	78.5	83.6	84.4	85.4	86.2	86.3	86.6	86.6	86.6	87.1	87.2	87.3	87.5	87.6	87.7	87.7
IV 4000	79.2	84.6	85.5	86.4	87.3	87.4	87.6	87.7	87.7	88.1	88.4	88.4	88.6	88.8	88.8	88.9
IV 3500	79.8	85.3	86.2	87.1	88.0	88.1	88.3	88.4	88.4	88.8	89.0	89.1	89.3	89.4	89.5	89.6
IV 3000	80.6	86.1	87.0	88.0	88.8	89.0	89.2	89.3	89.3	89.7	89.9	90.0	90.2	90.3	90.4	90.5
IV 2500	81.6	87.2	88.2	89.2	90.1	90.2	90.4	90.5	90.5	91.0	91.2	91.3	91.4	91.6	91.7	91.8
IV 2000	82.6	88.3	89.3	90.2	91.2	91.3	91.5	91.6	91.6	92.1	92.3	92.4	92.6	92.7	92.8	92.9
IV 1800	83.3	89.2	90.2	91.1	92.1	92.3	92.5	92.5	92.5	93.0	93.2	93.3	93.5	93.6	93.7	93.8
IV 1500	84.5	90.4	91.4	92.3	93.3	93.4	93.6	93.7	93.7	94.2	94.4	94.5	94.7	94.8	94.9	95.0
IV 1200	85.2	91.6	92.6	93.5	94.5	94.6	94.8	94.9	94.9	95.4	95.6	95.7	95.9	96.0	96.1	96.2
IV 1000	85.7	92.5	93.5	94.4	95.4	95.6	95.8	95.8	95.9	96.4	96.6	96.7	96.9	97.0	97.1	97.2
IV 900	85.9	92.8	93.8	94.8	95.8	95.9	96.2	96.3	96.3	96.8	97.0	97.1	97.3	97.4	97.5	97.6
IV 800	86.1	93.2	94.3	95.2	96.3	96.5	96.7	96.8	96.9	97.4	97.6	97.7	97.9	98.0	98.1	98.2
IV 700	86.2	93.4	94.5	95.5	96.6	96.8	97.0	97.1	97.2	97.7	97.9	98.0	98.2	98.3	98.4	98.5
IV 600	86.2	93.6	94.9	95.9	97.0	97.2	97.5	97.6	97.6	98.2	98.4	98.5	98.7	98.8	98.9	99.0
IV 500	86.3	93.8	95.1	96.2	97.4	97.6	97.9	98.0	98.0	98.6	98.8	98.9	99.1	99.2	99.3	99.4
IV 400	86.3	93.8	95.1	96.2	97.5	97.7	97.9	98.1	98.1	98.7	98.9	99.0	99.2	99.4	99.5	99.7
IV 300	86.3	93.8	95.1	96.2	97.5	97.7	98.0	98.2	98.2	98.8	99.1	99.1	99.4	99.5	99.6	99.8
IV 200	86.3	93.8	95.1	96.2	97.5	97.7	98.0	98.2	98.2	98.8	99.1	99.1	99.4	99.5	99.6	99.9
IV 100	86.3	93.8	95.1	96.2	97.5	97.7	98.0	98.2	98.2	98.8	99.1	99.1	99.4	99.5	99.6	99.9
IV 0	86.3	93.8	95.1	96.2	97.5	97.7	98.0	98.2	98.2	98.8	99.1	99.1	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2233

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23006
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	57.6	61.6	62.6	64.0	64.8	64.9	65.2	65.4	65.4	65.7	65.8	65.8	66.1	66.1	66.1	66.1
IV ≥ 20000	68.3	73.1	74.2	75.7	76.5	76.6	77.0	77.1	77.1	77.4	77.6	77.6	77.8	77.9	77.9	77.9
IV IV 18000	68.4	73.2	74.3	75.8	76.5	76.7	77.0	77.2	77.2	77.5	77.7	77.7	77.9	78.0	78.0	78.0
IV IV 16000	69.3	74.1	75.2	76.7	77.5	77.6	78.0	78.2	78.2	78.5	78.6	78.6	78.8	78.9	78.9	78.9
IV IV 14000	70.0	74.9	76.0	77.5	78.3	78.4	78.8	79.0	79.0	79.3	79.5	79.5	79.7	79.8	79.8	79.8
IV IV 12000	71.7	76.8	77.9	79.4	80.2	80.3	80.7	80.9	80.9	81.2	81.3	81.3	81.6	81.7	81.7	81.7
IV IV 10000	72.9	78.0	79.1	80.6	81.4	81.5	81.9	82.1	82.1	82.4	82.6	82.6	82.8	82.9	82.9	82.9
IV IV 9000	73.0	78.2	79.2	80.8	81.5	81.7	82.1	82.2	82.2	82.6	82.7	82.7	82.9	83.0	83.0	83.0
IV IV 8000	73.9	79.1	80.1	81.7	82.5	82.6	83.1	83.3	83.3	83.6	83.7	83.7	84.0	84.1	84.1	84.1
IV IV 7000	74.4	79.6	80.7	82.3	83.1	83.3	83.7	83.9	83.9	84.2	84.3	84.3	84.6	84.8	84.8	84.8
IV IV 6000	75.1	80.5	81.6	83.2	84.1	84.2	84.7	84.8	84.8	85.2	85.3	85.3	85.6	85.7	85.7	85.7
IV IV 5000	77.6	83.3	84.4	86.1	87.0	87.1	87.6	87.8	87.8	88.2	88.4	88.4	88.7	88.8	88.8	88.9
IV IV 4500	78.2	83.9	85.1	86.7	87.6	87.8	88.3	88.4	88.4	88.8	89.0	89.0	89.3	89.5	89.5	89.5
IV IV 4000	79.6	85.5	86.7	88.4	89.3	89.5	90.0	90.2	90.2	90.7	90.9	90.9	91.2	91.3	91.3	91.3
IV IV 3500	80.4	86.3	87.5	89.2	90.3	90.4	91.0	91.2	91.2	91.7	91.9	91.9	92.2	92.4	92.4	92.4
IV IV 3000	81.5	87.4	88.7	90.4	91.4	91.6	92.1	92.3	92.3	92.8	93.0	93.0	93.4	93.5	93.5	93.5
IV IV 2500	82.8	88.9	90.1	91.8	92.9	93.1	93.6	93.9	93.9	94.4	94.6	94.6	94.9	95.1	95.1	95.1
IV IV 2000	83.7	90.0	91.3	93.0	94.0	94.2	94.8	95.0	95.0	95.6	95.7	95.7	96.1	96.2	96.2	96.3
IV IV 1800	83.9	90.3	91.5	93.2	94.3	94.5	95.0	95.3	95.3	95.8	96.0	96.0	96.4	96.5	96.5	96.5
IV IV 1500	84.5	91.2	92.4	94.2	95.3	95.5	96.1	96.3	96.3	96.9	97.0	97.0	97.4	97.6	97.6	97.6
IV IV 1200	84.9	91.9	93.2	95.0	96.2	96.4	97.0	97.3	97.3	97.8	98.0	98.0	98.4	98.5	98.5	98.6
IV IV 1000	85.2	92.2	93.5	95.3	96.6	96.8	97.4	97.7	97.7	98.2	98.4	98.4	98.8	98.9	98.9	99.0
IV IV 900	85.2	92.3	93.6	95.5	96.8	97.0	97.5	97.8	97.8	98.3	98.5	98.5	98.9	99.1	99.1	99.1
IV IV 800	85.4	92.6	93.9	95.8	97.1	97.3	97.8	98.1	98.1	98.7	98.9	98.9	99.3	99.4	99.4	99.5
IV IV 700	85.4	92.7	94.1	95.9	97.2	97.4	97.9	98.3	98.3	98.8	99.0	99.0	99.4	99.6	99.6	99.6
IV IV 600	85.4	92.8	94.2	96.0	97.3	97.5	98.0	98.3	98.3	98.9	99.1	99.1	99.5	99.6	99.6	99.7
IV IV 500	85.4	92.8	94.2	96.0	97.3	97.5	98.1	98.4	98.4	99.0	99.2	99.2	99.6	99.8	99.8	99.8
IV IV 400	85.4	92.8	94.2	96.1	97.4	97.5	98.2	98.5	98.5	99.1	99.2	99.2	99.6	99.8	99.8	99.9
IV IV 300	85.4	92.8	94.2	96.1	97.4	97.5	98.2	98.5	98.5	99.1	99.2	99.2	99.7	99.9	99.9	99.9
IV IV 200	85.4	92.8	94.2	96.1	97.4	97.5	98.2	98.5	98.5	99.1	99.3	99.3	99.7	99.9	99.9	99.9
IV IV 100	85.4	92.8	94.2	96.1	97.4	97.5	98.2	98.5	98.5	99.1	99.3	99.3	99.7	99.9	99.9	100.0
IV IV 0	85.4	92.8	94.2	96.1	97.4	97.5	98.2	98.5	98.5	99.1	99.3	99.3	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.9	59.2	60.3	61.4	62.2	62.4	62.8	62.8	62.9	63.2	63.3	63.3	63.4	63.4	63.4	63.4
≥ 20000	67.7	72.8	74.0	75.1	75.9	76.1	76.5	76.6	76.7	77.0	77.1	77.1	77.3	77.3	77.3	77.4
IV 18000	67.9	73.0	74.2	75.3	76.1	76.2	76.7	76.8	76.9	77.2	77.3	77.3	77.5	77.5	77.5	77.5
IV 16000	68.7	73.7	74.9	76.1	76.9	77.0	77.5	77.6	77.7	78.0	78.1	78.1	78.3	78.3	78.3	78.3
IV 14000	69.5	74.5	75.7	76.9	77.8	78.0	78.5	78.6	78.7	79.1	79.2	79.2	79.4	79.4	79.4	79.4
IV 12000	71.2	76.5	77.7	79.0	79.9	80.1	80.7	80.8	80.9	81.3	81.4	81.4	81.6	81.6	81.6	81.6
IV 10000	72.9	78.3	79.5	80.8	81.7	81.9	82.6	82.7	82.7	83.2	83.2	83.2	83.4	83.4	83.4	83.5
IV 9000	73.0	78.5	79.8	81.0	81.9	82.1	82.9	83.0	83.0	83.5	83.6	83.6	83.8	83.8	83.8	83.9
IV 8000	73.9	79.6	80.8	82.1	83.1	83.2	84.0	84.1	84.1	84.7	84.8	84.8	85.0	85.0	85.0	85.1
IV 7000	74.3	80.0	81.3	82.6	83.5	83.7	84.5	84.5	84.6	85.1	85.2	85.2	85.4	85.4	85.4	85.5
IV 6000	75.7	81.5	82.9	84.3	85.3	85.5	86.3	86.3	86.4	86.9	87.0	87.0	87.3	87.3	87.3	87.4
IV 5000	78.1	84.0	85.4	86.8	87.8	88.1	88.9	89.0	89.0	89.7	89.8	89.8	90.1	90.1	90.1	90.2
IV 4500	78.6	84.6	86.0	87.4	88.5	88.7	89.5	89.6	89.7	90.3	90.4	90.4	90.7	90.7	90.7	90.8
IV 4000	80.3	86.5	87.9	89.4	90.6	90.8	91.7	91.8	91.9	92.6	92.7	92.7	93.1	93.1	93.1	93.3
IV 3500	81.0	87.2	88.5	90.1	91.2	91.5	92.4	92.6	92.6	93.4	93.5	93.5	93.8	93.8	93.9	94.1
IV 3000	82.0	88.2	89.6	91.2	92.4	92.7	93.6	93.8	93.8	94.6	94.7	94.7	95.1	95.1	95.1	95.3
IV 2500	82.8	89.1	90.5	92.2	93.4	93.6	94.5	94.7	94.7	95.5	95.7	95.7	96.0	96.0	96.1	96.3
IV 2000	83.3	89.7	91.2	92.9	94.1	94.3	95.3	95.5	95.5	96.3	96.5	96.5	96.8	96.8	96.9	97.1
IV 1800	83.5	89.9	91.4	93.1	94.3	94.6	95.6	95.7	95.8	96.5	96.7	96.7	97.1	97.1	97.1	97.4
IV 1500	84.1	90.6	92.1	93.8	95.1	95.4	96.3	96.5	96.5	97.3	97.5	97.5	97.8	97.8	97.9	98.2
IV 1400	84.3	90.9	92.4	94.1	95.4	95.7	96.6	96.8	96.9	97.6	97.8	97.8	98.2	98.2	98.2	98.5
IV 1000	84.5	91.3	92.8	94.5	95.8	96.1	97.0	97.2	97.3	98.1	98.3	98.3	98.7	98.7	98.7	99.0
IV 900	84.5	91.5	93.0	94.7	96.0	96.3	97.3	97.4	97.5	98.3	98.5	98.5	98.9	98.9	98.9	99.2
IV 800	84.5	91.7	93.2	95.0	96.4	96.6	97.6	97.8	97.8	98.6	98.8	98.8	99.2	99.2	99.2	99.5
IV 700	84.5	91.7	93.2	95.0	96.4	96.6	97.6	97.8	97.8	98.6	98.8	98.8	99.2	99.2	99.2	99.5
IV 600	84.6	91.9	93.4	95.1	96.6	96.9	97.8	98.0	98.0	98.8	99.1	99.1	99.4	99.4	99.5	99.7
IV 500	84.6	91.9	93.4	95.3	96.7	97.0	97.9	98.1	98.2	99.0	99.2	99.2	99.6	99.6	99.6	99.9
IV 400	84.6	91.9	93.4	95.3	96.7	97.0	97.9	98.1	98.2	99.0	99.2	99.2	99.6	99.6	99.6	99.9
IV 300	84.6	91.9	93.4	95.3	96.8	97.0	98.0	98.2	98.2	99.1	99.3	99.3	99.6	99.6	99.7	100.0
IV 200	84.6	91.9	93.4	95.3	96.8	97.0	98.0	98.2	98.2	99.1	99.3	99.3	99.6	99.6	99.7	100.0
IV 100	84.6	91.9	93.4	95.3	96.8	97.0	98.0	98.2	98.2	99.1	99.3	99.3	99.6	99.6	99.7	100.0
IV 0	84.6	91.9	93.4	95.3	96.8	97.0	98.0	98.2	98.2	99.1	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2226

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.8	67.4	68.0	68.7	69.5	69.5	69.7	69.7	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0
≥ 20000	73.6	77.5	78.3	79.0	79.8	79.8	80.0	80.1	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.5
IV 18000	74.0	77.9	78.7	79.4	80.2	80.2	80.4	80.5	80.5	80.7	80.8	80.8	80.9	80.9	80.9	80.9
IV 16000	74.3	78.2	79.0	79.7	80.5	80.5	80.8	80.8	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2
IV 14000	75.4	79.5	80.3	81.0	81.8	81.8	82.1	82.2	82.2	82.4	82.5	82.5	82.6	82.6	82.6	82.6
IV 12000	77.1	81.3	82.1	83.0	83.8	83.8	84.1	84.2	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6
IV 10000	78.4	82.8	83.6	84.5	85.3	85.3	85.6	85.6	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0
IV 9000	78.6	82.9	83.9	84.7	85.5	85.5	85.9	86.0	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.4
IV 8000	79.6	84.2	85.2	86.1	86.9	86.9	87.3	87.4	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8
IV 7000	80.6	85.2	86.3	87.2	88.0	88.0	88.4	88.5	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9
IV 6000	81.6	86.5	87.6	88.5	89.3	89.4	89.8	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3
IV 5000	82.9	87.9	89.0	90.0	90.9	91.0	91.4	91.5	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9
IV 4500	83.0	88.2	89.3	90.2	91.1	91.2	91.6	91.7	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1
IV 4000	83.9	89.3	90.4	91.3	92.2	92.4	92.9	93.0	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5
IV 3500	84.5	89.8	90.9	91.9	92.8	93.0	93.5	93.6	93.6	93.9	94.0	94.0	94.1	94.1	94.1	94.1
IV 3000	85.5	90.9	92.1	93.0	93.9	94.1	94.6	94.7	94.7	95.0	95.2	95.2	95.3	95.3	95.3	95.3
IV 2500	86.0	91.8	92.9	93.9	94.8	95.0	95.6	95.7	95.7	96.0	96.2	96.2	96.3	96.3	96.3	96.3
IV 2000	86.4	92.2	93.4	94.3	95.3	95.5	96.1	96.2	96.2	96.5	96.7	96.7	96.8	96.8	96.8	96.8
IV 1800	86.6	92.4	93.6	94.6	95.6	95.7	96.3	96.4	96.4	96.7	96.9	96.9	97.0	97.0	97.0	97.0
IV 1500	87.1	93.0	94.2	95.2	96.3	96.5	97.0	97.1	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.8
IV 1200	87.3	93.1	94.3	95.3	96.3	96.7	97.3	97.4	97.4	97.7	97.9	97.9	98.0	98.0	98.0	98.0
IV 1000	87.5	93.5	94.7	95.7	96.9	97.1	97.6	97.8	97.8	98.0	98.2	98.2	98.3	98.3	98.3	98.4
IV 900	87.7	93.7	95.0	96.0	97.2	97.4	97.9	98.0	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.7
IV 800	87.7	93.7	95.0	96.1	97.3	97.5	98.0	98.2	98.2	98.5	98.7	98.7	98.8	98.8	98.8	98.8
IV 700	87.7	93.8	95.1	96.2	97.4	97.6	98.1	98.2	98.2	98.5	98.7	98.7	98.8	98.8	98.8	98.9
IV 600	87.7	94.0	95.3	96.4	97.7	97.8	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 500	87.7	94.2	95.5	96.6	97.9	98.1	98.6	98.8	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.5
IV 400	87.8	94.4	95.6	96.8	98.1	98.3	98.8	99.0	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	87.8	94.4	95.6	96.8	98.1	98.3	98.9	99.1	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7
IV 200	87.8	94.4	95.6	96.8	98.1	98.3	98.9	99.1	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8
IV 100	87.8	94.4	95.6	96.8	98.1	98.3	98.9	99.1	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9
IV 0	87.8	94.4	95.6	96.8	98.1	98.3	98.9	99.1	99.1	99.4	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2228

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23005
STATION

CANNON AFB NEW MEXICO/CLOVIS

STATION NAME

43-46,52-72

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING - 20000	74.7 80.3	77.3 83.1	77.9 83.7	78.2 84.0	78.8 84.6	78.8 84.6	78.9 84.6	78.9 84.6	78.9 84.6	79.0 84.8	79.0 84.8	79.0 84.8	79.2 85.0	79.2 85.0	79.2 85.0	79.2 85.0
IV 18000	80.4	83.3	83.8	84.1	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.1
IV 16000	80.5	83.3	83.9	84.2	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.2
IV 14000	81.1	84.1	84.6	85.0	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	86.0	86.0	86.0	86.0
IV 12000	82.6	85.6	86.2	86.6	87.2	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.7	87.7	87.7	87.7
IV 10000	84.0	87.1	87.7	88.0	88.7	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.3	89.3	89.3	89.3
IV 9000	84.1	87.2	87.8	88.1	88.8	88.8	89.0	89.0	89.0	89.2	89.2	89.2	89.4	89.4	89.4	89.4
IV 8000	84.6	87.8	88.4	88.8	89.4	89.5	89.7	89.7	89.7	89.9	89.9	89.9	90.1	90.1	90.1	90.1
IV 7000	85.2	88.5	89.1	89.5	90.1	90.2	90.4	90.4	90.4	90.6	90.6	90.6	90.8	90.8	90.8	90.8
IV 6000	85.9	89.2	89.8	90.2	90.9	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.5	91.5	91.5	91.5
IV 5000	86.7	90.1	90.7	91.1	91.8	91.8	92.0	92.0	92.0	92.2	92.2	92.2	92.4	92.4	92.4	92.4
IV 4500	86.9	90.3	91.0	91.3	92.0	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6
IV 4000	88.2	91.6	92.3	92.7	93.3	93.4	93.6	93.6	93.6	93.8	93.8	93.8	94.0	94.0	94.0	94.0
IV 3500	88.4	91.9	92.6	92.9	93.6	93.7	93.9	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.4
IV 3000	89.0	92.6	93.2	93.6	94.4	94.4	94.7	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2
IV 2500	89.3	93.1	93.8	94.2	94.9	95.0	95.3	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7
IV 2000	89.6	93.4	94.1	94.5	95.3	95.3	95.6	95.6	95.6	95.8	95.9	95.9	96.1	96.1	96.1	96.1
IV 1800	89.6	93.6	94.2	94.6	95.4	95.4	95.7	95.7	95.7	96.0	96.0	96.0	96.2	96.2	96.2	96.2
IV 1500	89.7	93.8	94.5	94.9	95.7	95.7	96.0	96.0	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.5
IV 1200	90.1	94.3	94.9	95.3	96.1	96.1	96.4	96.5	96.5	96.7	96.7	96.7	96.9	96.9	96.9	96.9
IV 1000	90.4	94.6	95.3	95.7	96.5	96.6	96.8	96.9	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.3
IV 900	90.8	95.0	95.8	96.2	97.0	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.8
IV 800	91.0	95.4	96.2	96.7	97.5	97.5	97.8	97.9	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3
IV 700	91.2	95.8	96.6	97.1	97.9	97.9	98.2	98.3	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7
IV 600	91.2	95.9	96.8	97.3	98.1	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9
IV 500	91.3	96.0	96.9	97.4	98.3	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1
IV 400	91.4	96.1	97.0	97.6	98.5	98.6	98.9	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
IV 300	91.4	96.2	97.1	97.8	98.7	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6
IV 200	91.4	96.2	97.3	97.9	98.8	98.8	99.1	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8
IV 100	91.4	96.2	97.3	97.9	98.8	98.8	99.2	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0
IV 0	91.4	96.2	97.3	97.9	98.8	98.8	99.2	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2233

USAF ETAC

FORM
JUL 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	75.6	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
IV 20000	80.1	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
IV 18000	80.3	81.3	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 16000	80.4	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
IV 14000	81.4	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
IV 12000	82.2	83.3	83.4	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 10000	83.0	84.2	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 9000	83.3	84.5	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 8000	84.6	85.9	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 7000	85.3	86.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 6000	85.9	87.2	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
IV 5000	87.6	89.1	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 4500	87.7	89.4	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 4000	88.1	89.8	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 3500	88.3	90.2	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3000	88.9	91.0	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2500	89.1	91.3	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	89.9	92.2	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800	90.0	92.3	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	90.6	93.1	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
IV 1200	91.2	93.8	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 1000	91.7	94.6	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 900	91.9	94.7	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
IV 800	92.3	95.3	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 700	92.9	96.1	96.7	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	93.0	96.5	97.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 500	93.2	97.1	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	93.2	97.2	97.9	98.3	98.6	98.6	98.7	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	93.2	97.3	98.0	98.4	98.8	98.8	99.0	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	93.2	97.4	98.1	98.5	98.9	98.9	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	93.3	97.5	98.2	98.6	99.0	99.0	99.2	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9
IV 0	93.3	97.5	98.2	98.6	99.0	99.0	99.2	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2312

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.0	71.6	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.5
IV 20000	74.4	76.0	76.3	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9	77.0
IV 18000	74.6	76.3	76.6	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.2	77.2
IV 16000	74.9	76.6	76.8	77.0	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.5
IV 14000	75.5	77.2	77.5	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.1	78.1
IV 12000	76.7	78.3	78.6	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2
IV 10000	77.7	79.5	79.8	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.4	80.4
IV 9000	78.0	79.8	80.0	80.2	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.7
IV 8000	79.5	81.3	81.5	81.7	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.2
IV 7000	80.2	81.9	82.2	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.8	82.8
IV 6000	80.8	82.7	82.9	83.1	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.6
IV 5000	81.8	83.9	84.1	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.8	84.8
IV 4500	82.1	84.2	84.5	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.2
IV 4000	82.9	85.0	85.3	85.5	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	86.0
IV 3500	83.0	85.3	85.6	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.3
IV 3000	83.9	86.4	86.7	86.9	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.4	87.4
IV 2500	84.5	87.2	87.5	87.6	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.2	88.2
IV 2000	85.5	88.3	88.6	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.3	89.4
IV 1800	85.8	88.6	88.9	89.1	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.7
IV 1600	86.6	89.4	89.7	89.9	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.5
IV 1400	87.5	90.5	90.8	91.0	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.6
IV 1200	88.4	91.7	92.1	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	93.0	93.0
IV 1000	88.5	91.9	92.4	92.6	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.3
IV 900	88.9	92.4	93.0	93.2	93.3	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.8	93.8
IV 800	89.5	93.3	93.9	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.9	94.9
IV 700	89.8	93.7	94.3	94.7	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.5	95.6
IV 600	90.1	94.4	95.2	95.8	96.1	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.8	96.8	96.8	96.9
IV 500	90.2	94.7	95.6	96.4	96.7	96.9	97.0	97.2	97.2	97.4	97.4	97.4	97.6	97.6	97.7	97.7
IV 400	90.4	94.9	96.0	96.9	97.4	97.7	97.8	98.1	98.1	98.3	98.3	98.3	98.6	98.6	98.7	98.7
IV 300	90.4	94.9	96.1	97.0	97.6	97.8	98.0	98.2	98.3	98.5	98.5	98.6	99.0	99.0	99.0	99.0
IV 200	90.4	94.9	96.1	97.0	97.6	97.8	98.0	98.2	98.3	98.5	98.5	98.6	99.0	99.0	99.0	99.0
IV 100	90.4	94.9	96.1	97.1	97.6	97.9	98.2	98.5	98.5	98.8	98.9	98.9	99.4	99.4	99.5	99.7
IV 0	90.4	94.9	96.1	97.1	97.6	97.9	98.2	98.5	98.5	98.8	98.9	98.9	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2313

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.2	65.4	65.9	66.2	66.4	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	71.0	72.3	72.9	73.2	73.5	73.5	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
IV 18000	71.2	72.6	73.1	73.5	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
IV 16000	71.4	72.7	73.3	73.7	73.9	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
IV 14000	71.9	73.4	74.0	74.4	74.6	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0
IV 12000	73.6	75.0	75.6	76.0	76.3	76.3	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
IV 10000	75.9	77.3	77.9	78.3	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
IV 9000	76.2	77.6	78.2	78.6	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3
IV 8000	76.8	78.3	78.9	79.3	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
IV 7000	77.6	79.1	79.7	80.1	80.4	80.4	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
IV 6000	78.2	79.8	80.4	80.8	81.1	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
IV 5000	79.4	81.0	81.6	82.0	82.3	82.3	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6
IV 4500	79.6	81.2	81.8	82.2	82.5	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4000	80.4	82.0	82.6	83.0	83.3	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7
IV 3500	80.8	82.4	83.1	83.5	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
IV 3000	81.5	83.1	83.9	84.4	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1
IV 2500	81.9	83.7	84.5	85.0	85.3	85.3	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
IV 2000	83.0	84.9	85.7	86.2	86.5	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
IV 1800	83.4	85.3	86.1	86.6	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3
IV 1500	84.7	86.9	87.7	88.2	88.5	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
IV 1200	85.8	88.3	89.2	89.7	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
IV 1000	87.0	89.9	90.8	91.3	91.6	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
IV 900	87.3	90.6	91.7	92.3	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2
IV 800	87.7	91.3	92.4	93.1	93.5	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
IV 700	88.1	92.2	93.3	94.0	94.5	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1
IV 600	89.2	92.6	93.8	94.7	95.2	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
IV 500	88.3	92.9	94.3	95.5	96.2	96.4	96.8	96.8	96.8	96.8	96.9	97.0	97.0	97.1	97.1	97.1
IV 400	88.5	93.2	94.6	96.0	96.8	97.1	97.7	97.7	97.7	97.8	97.9	97.9	98.1	98.1	98.1	98.1
IV 300	88.5	93.2	94.7	96.1	96.9	97.4	98.0	98.1	98.1	98.2	98.3	98.4	98.6	98.6	98.6	98.6
IV 200	88.5	93.2	94.7	96.1	96.9	97.4	98.1	98.3	98.4	98.8	98.9	99.0	99.4	99.4	99.5	99.5
IV 100	88.5	93.3	94.8	96.1	96.9	97.4	98.2	98.4	98.5	98.9	99.0	99.1	99.6	99.7	99.8	99.8
IV 0	88.5	93.3	94.8	96.1	96.9	97.4	98.2	98.4	98.5	98.9	99.0	99.1	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2308

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/C/OVIS

43-46,52-72

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.5	68.4	68.7	68.9	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3
IV 26000	73.8	76.1	76.5	76.6	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 18000	74.0	76.3	76.7	76.8	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 16000	74.4	76.7	77.0	77.2	77.3	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 14000	75.3	77.7	78.0	78.1	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6
IV 12000	76.4	78.9	79.2	79.3	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
IV 10000	77.5	80.0	80.3	80.5	80.6	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 9000	77.7	80.2	80.6	80.7	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 8000	78.7	81.2	81.6	81.7	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2
IV 7000	79.0	81.7	82.0	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6
IV 6000	79.3	81.9	82.3	82.4	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 5000	80.0	82.8	83.1	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7
IV 4500	80.3	83.2	83.5	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 4000	81.9	84.8	85.2	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9
IV 3500	82.3	85.7	86.1	86.2	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3000	83.0	86.5	87.0	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7
IV 2500	84.4	87.9	88.3	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1
IV 2000	86.5	90.3	90.7	90.9	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6
IV 1800	87.2	91.0	91.4	91.6	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3
IV 1500	89.0	93.0	93.4	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
IV 1200	90.4	94.7	95.1	95.4	95.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1000	90.9	95.7	96.3	96.5	96.6	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
IV 900	91.0	95.8	96.4	96.7	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4
IV 800	91.0	96.1	96.7	97.0	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	91.1	96.2	96.9	97.3	97.5	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0
IV 600	91.1	96.5	97.2	97.7	98.0	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6
IV 500	91.2	96.7	97.5	98.2	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	91.2	96.8	97.7	98.4	98.7	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	91.2	96.9	97.8	98.5	99.0	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	91.2	96.9	97.8	98.5	99.0	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	91.2	96.9	97.8	98.5	99.0	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	91.2	96.9	97.8	98.5	99.0	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2309

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS/STATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.7	64.1	64.3	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 20000	72.4	75.4	75.7	76.1	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 18000	72.5	75.5	75.8	76.2	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 16000	72.8	75.8	76.1	76.5	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 14000	73.5	76.6	76.9	77.5	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 12000	74.5	77.5	77.9	78.4	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 10000	75.9	79.0	79.4	79.9	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 9000	76.2	79.3	79.7	80.2	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 8000	76.8	79.9	80.3	80.8	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 7000	77.1	80.2	80.6	81.1	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 6000	78.5	81.7	82.2	82.7	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 5000	80.6	83.9	84.4	85.0	85.5	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4500	82.0	85.4	85.9	86.5	87.0	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5
IV 4000	84.3	88.0	88.4	89.1	89.6	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1
IV 3500	85.7	89.5	90.0	90.7	91.2	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.7	91.7
IV 3000	87.1	91.0	91.5	92.2	92.7	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4
IV 2500	88.4	92.4	92.9	93.6	94.1	94.1	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
IV 2000	89.6	93.6	94.1	94.8	95.4	95.4	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	90.1	94.1	94.6	95.3	95.9	95.9	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500	90.9	95.1	95.6	96.3	96.9	96.9	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	91.4	95.7	96.2	96.9	97.5	97.5	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4
IV 1000	91.7	96.3	96.9	97.6	98.2	98.2	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	91.8	96.5	97.1	97.7	98.4	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 800	91.9	96.7	97.3	98.0	98.6	98.6	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	92.0	96.8	97.4	98.1	98.7	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	92.0	96.8	97.5	98.3	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	92.0	96.9	97.6	98.4	99.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	92.0	96.9	97.6	98.4	99.1	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	92.0	96.9	97.6	98.4	99.1	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	92.0	96.9	97.6	98.4	99.1	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	92.0	96.9	97.6	98.4	99.1	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	92.0	96.9	97.6	98.4	99.1	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2311

USAF ETAC

FORM
RUL 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.5	56.8	57.4	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.2	58.2	58.2
≤ 20000	70.7	73.1	73.9	74.3	74.5	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9
IV 18000	70.9	73.4	74.3	74.6	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2
IV 16000	71.3	73.9	74.8	75.1	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.8	75.8	75.8
IV 14000	72.0	74.6	75.5	75.8	76.1	76.1	76.2	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6
IV 12000	73.1	75.7	76.6	76.9	77.2	77.2	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.8	77.8	77.8
IV 10000	74.8	77.6	78.6	79.0	79.2	79.2	79.3	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8
IV 9000	74.9	77.7	78.7	79.1	79.4	79.4	79.5	79.7	79.7	79.8	79.8	79.8	79.8	80.0	80.0	80.0
IV 8000	75.3	78.2	79.2	79.6	79.9	79.9	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5
IV 7000	76.1	78.9	80.0	80.5	80.8	80.8	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.5	81.5	81.5
IV 6000	78.2	81.5	82.7	83.4	83.9	83.9	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.7	84.7	84.7
IV 5000	81.0	84.8	86.0	86.8	87.5	87.5	87.7	88.0	88.0	88.2	88.2	88.2	88.2	88.5	88.5	88.5
IV 4500	81.5	85.7	86.9	87.7	88.4	88.4	88.7	89.0	89.0	89.3	89.3	89.3	89.3	89.5	89.5	89.6
IV 4000	84.1	89.0	90.3	91.2	92.0	92.0	92.3	92.7	92.7	93.0	93.0	93.0	93.0	93.3	93.3	93.3
IV 3500	84.9	89.9	91.2	92.2	93.0	93.0	93.3	93.7	93.7	94.0	94.0	94.0	94.0	94.3	94.3	94.4
IV 3000	85.7	90.9	92.4	93.3	94.1	94.2	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.5	95.5	95.5
IV 2500	86.3	91.5	93.0	93.9	94.8	94.8	95.1	95.5	95.5	95.8	95.8	95.8	95.8	96.2	96.2	96.2
IV 2000	87.3	92.5	94.0	94.9	95.8	95.8	96.2	96.5	96.5	96.9	96.9	96.9	96.9	97.2	97.2	97.3
IV 1800	87.4	92.7	94.2	95.1	96.0	96.0	96.4	96.7	96.7	97.1	97.1	97.1	97.1	97.4	97.4	97.4
IV 1500	87.8	93.2	94.7	95.6	96.5	96.5	96.9	97.2	97.2	97.6	97.6	97.6	97.6	98.0	98.0	98.0
IV 1200	88.3	93.8	95.4	96.3	97.2	97.2	97.6	97.9	97.9	98.3	98.3	98.3	98.3	98.7	98.7	98.7
IV 1000	88.7	94.4	95.9	96.8	97.8	97.8	98.2	98.5	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.3
IV 900	88.7	94.4	96.0	96.9	97.8	97.9	98.2	98.6	98.6	99.0	99.0	99.0	99.0	99.3	99.3	99.3
IV 800	88.7	94.5	96.1	97.0	97.9	98.0	98.3	98.7	98.7	99.0	99.0	99.0	99.0	99.4	99.4	99.4
IV 700	88.7	94.5	96.1	97.1	98.0	98.0	98.4	98.7	98.7	99.1	99.1	99.1	99.1	99.4	99.4	99.5
IV 600	88.7	94.5	96.1	97.1	98.0	98.0	98.4	98.7	98.7	99.1	99.1	99.1	99.1	99.4	99.4	99.5
IV 500	88.7	94.5	96.1	97.1	98.0	98.1	98.4	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6
IV 400	88.7	94.5	96.3	97.3	98.2	98.2	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7
IV 300	88.7	94.5	96.3	97.3	98.3	98.3	98.7	99.1	99.1	99.5	99.5	99.5	99.5	99.8	99.8	99.9
IV 200	88.7	94.5	96.3	97.3	98.3	98.3	98.7	99.1	99.1	99.6	99.6	99.6	99.6	99.9	99.9	100.0
IV 100	88.7	94.5	96.3	97.3	98.3	98.3	98.7	99.1	99.1	99.6	99.6	99.6	99.6	100.0	100.0	100.0
IV 0	88.7	94.5	96.3	97.3	98.3	98.3	98.7	99.1	99.1	99.6	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2307

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.7	61.4	61.7	62.1	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.8	62.8	62.8
≥ 20000	71.8	74.2	74.6	75.2	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9
IV 18000	72.1	74.5	74.9	75.5	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3
IV 16000	72.5	74.9	75.3	75.9	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7
IV 14000	73.8	76.5	77.0	77.6	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.4	78.4	78.4
IV 12000	75.6	78.5	78.9	79.6	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.3
IV 10000	77.4	80.5	81.0	81.7	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5
IV 9000	78.0	81.3	81.8	82.4	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3
IV 8000	79.0	82.6	83.3	83.9	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8
IV 7000	79.6	83.2	83.8	84.6	85.1	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6
IV 6000	81.3	85.1	85.8	86.7	87.2	87.3	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.8	87.8	87.8
IV 5000	83.5	87.9	88.6	89.5	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.8	90.8	90.8	90.8
IV 4500	83.9	88.5	89.2	90.2	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.4	91.4	91.4	91.4
IV 4000	85.5	90.5	91.4	92.3	92.9	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6
IV 3500	85.9	91.0	91.8	92.7	93.4	93.5	93.7	93.8	93.8	93.9	93.9	93.9	94.1	94.1	94.1	94.1
IV 3000	86.7	92.1	93.0	93.9	94.6	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.4
IV 2500	87.0	92.6	93.4	94.4	95.1	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.9	95.9	95.9	95.9
IV 2000	87.4	93.2	94.0	94.9	95.7	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.5	96.5	96.5	96.5
IV 1800	87.6	93.4	94.2	95.2	95.9	96.0	96.3	96.3	96.3	96.5	96.5	96.5	96.7	96.7	96.7	96.7
IV 1500	87.6	93.6	94.4	95.4	96.2	96.3	96.6	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.1
IV 1200	88.0	94.2	95.0	96.0	96.8	96.9	97.3	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.7	97.7
IV 1000	88.4	94.6	95.6	96.7	97.5	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.4
IV 900	88.5	94.9	95.8	96.9	97.8	97.8	98.2	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6
IV 800	88.6	95.0	95.9	97.0	97.9	98.0	98.4	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.8
IV 700	88.6	95.2	96.1	97.2	98.1	98.2	98.6	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.0	99.0
IV 600	88.6	95.2	96.2	97.3	98.2	98.3	98.7	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1
IV 500	88.6	95.2	96.2	97.4	98.3	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.3
IV 400	88.6	95.3	96.3	97.5	98.4	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.5	99.5
IV 300	88.6	95.3	96.3	97.5	98.4	98.5	99.0	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.6
IV 200	88.6	95.3	96.4	97.5	98.5	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.7
IV 100	88.6	95.3	96.4	97.5	98.5	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.7	99.7
IV 0	88.6	95.3	96.4	97.5	98.5	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2315

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	72.4	75.0	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
IV 2000	79.0	81.9	81.9	81.9	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4
IV 1800	79.0	81.9	82.0	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5
IV 1600	79.1	82.1	82.1	82.1	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6
IV 1400	80.1	83.1	83.1	83.1	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6
IV 1200	80.9	83.9	84.0	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5
IV 1000	82.5	85.8	85.8	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3
IV 900	83.0	86.2	86.2	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7
IV 800	84.0	87.4	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9
IV 700	84.9	88.3	88.3	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0
IV 600	85.5	88.9	89.0	89.0	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6
IV 500	87.4	91.3	91.4	91.5	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2
IV 4500	87.7	91.9	91.9	92.0	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
IV 4000	88.7	93.0	93.1	93.2	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0
IV 3500	89.2	93.5	93.5	93.6	94.0	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5
IV 3000	89.6	94.0	94.1	94.2	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0
IV 2500	89.8	94.2	94.3	94.4	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
IV 2000	90.2	94.7	94.8	94.9	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8
IV 1800	90.3	94.7	94.8	94.9	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
IV 1500	90.4	95.1	95.1	95.3	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2
IV 1200	90.8	95.5	95.6	95.8	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.7	96.7	96.7	96.7
IV 1000	91.3	96.4	96.6	96.7	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
IV 900	91.4	96.6	96.8	96.9	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
IV 800	91.6	96.8	97.1	97.2	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
IV 700	91.8	97.1	97.4	97.6	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7
IV 600	91.9	97.2	97.6	97.8	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 500	91.9	97.4	97.9	98.1	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
IV 400	91.9	97.4	97.9	98.2	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
IV 300	91.9	97.4	97.9	98.2	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5
IV 200	92.0	97.6	98.1	98.4	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.8
IV 100	92.0	97.6	98.1	98.4	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.9	100.0	100.0	100.0
IV 0	92.0	97.6	98.1	98.4	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2309

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.3	78.5	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
IV 20000	81.8	83.2	83.3	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 18000	81.8	83.2	83.3	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 16000	82.1	83.4	83.5	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 14000	82.8	84.1	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 12000	83.8	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
IV 10000	85.9	87.2	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 9000	86.3	87.6	87.8	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 8000	87.6	89.0	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 7000	88.7	90.2	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
IV 6000	90.1	91.7	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
IV 5000	91.5	93.1	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
IV 4500	91.6	93.3	93.5	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 4000	92.4	94.4	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3500	92.5	94.5	94.7	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 3000	93.1	95.1	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2500	93.4	95.5	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2000	94.0	96.0	96.2	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	94.2	96.3	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1500	94.8	97.0	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
IV 1200	95.1	97.4	97.6	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1000	95.3	97.6	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	95.6	98.0	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 800	95.7	98.1	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 700	95.8	98.3	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	95.9	98.4	98.8	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 500	96.1	98.6	99.0	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 400	96.3	98.9	99.2	99.5	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	96.3	98.9	99.2	99.5	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	96.3	98.9	99.2	99.5	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	96.3	98.9	99.2	99.5	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	96.3	98.9	99.2	99.5	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2203

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2300B
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.9	75.2	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.1
≥ 20000	78.5	79.9	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.7
IV 18000	78.6	80.0	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.8
IV 14000	78.8	80.2	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.1
IV 14000	79.4	80.8	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.6
IV 12000	80.6	82.0	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.8
IV 10000	83.1	84.5	84.8	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.3
IV 9000	83.2	84.6	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.5
IV 8000	83.9	85.4	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.2
IV 7000	84.8	86.2	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.1
IV 6000	86.1	87.6	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.5
IV 5000	87.0	88.7	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.6
IV 4500	87.2	88.9	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.7
IV 4000	88.0	89.6	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.6
IV 3500	88.2	89.9	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.9
IV 3000	88.6	90.3	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.3
IV 2500	89.0	90.7	91.1	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.7
IV 2000	90.1	92.0	92.4	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0
IV 1800	90.4	92.3	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.4
IV 1500	91.1	93.2	93.6	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.5
IV 1200	92.1	94.2	94.6	94.9	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5
IV 1000	92.9	95.0	95.4	95.6	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.4
IV 900	93.1	95.3	95.7	96.0	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.8
IV 800	93.5	95.7	96.3	96.5	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.3	97.3	97.3	97.4
IV 700	93.7	96.2	96.8	97.0	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.9
IV 600	94.0	96.7	97.3	97.6	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.5
IV 500	94.3	97.3	98.0	98.3	98.6	98.6	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.2
IV 400	94.4	97.4	98.1	98.4	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.6
IV 300	94.4	97.4	98.1	98.5	99.0	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.7
IV 200	94.4	97.4	98.1	98.5	99.0	99.0	99.1	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.9
IV 100	94.4	97.4	98.1	98.5	99.0	99.0	99.1	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.9
IV 0	94.4	97.4	98.1	98.5	99.0	99.0	99.1	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS. 2201

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	70.8 77.5	72.7 79.5	72.9 79.7	73.1 79.9	73.3 80.1	73.4 80.2	73.4 80.3	73.4 80.3	73.4 80.3	73.4 80.3	73.5 80.3	73.5 80.3	73.5 80.3	73.5 80.3	73.5 80.3	73.6 80.4
IV 18000 16000	77.6 77.8	79.6 79.8	79.8 80.0	80.0 80.2	80.2 80.4	80.3 80.4	80.3 80.5	80.3 80.5	80.3 80.5	80.3 80.5	80.4 80.6	80.4 80.6	80.4 80.6	80.4 80.6	80.4 80.6	80.5 80.7
IV 14000 12000	78.4 80.1	80.4 82.0	80.6 82.3	80.8 82.5	81.0 82.7	81.1 82.7	81.2 82.8	81.2 82.8	81.2 82.8	81.2 82.9	81.2 82.9	81.2 82.9	81.2 82.9	81.3 82.9	81.3 82.9	81.3 83.1
IV 10000 9000	82.7 82.9	84.7 84.9	84.9 85.2	85.1 85.4	85.3 85.6	85.3 85.6	85.4 85.7	85.4 85.7	85.4 85.7	85.4 85.7	85.5 85.8	85.5 85.8	85.5 85.8	85.6 85.8	85.6 85.8	85.7 86.0
IV 8000 7000	83.5 84.0	85.5 86.0	85.7 86.2	86.0 86.4	86.2 86.6	86.2 86.7	86.3 86.7	86.3 86.7	86.3 86.7	86.3 86.7	86.4 86.8	86.4 86.8	86.4 86.8	86.4 86.9	86.4 86.9	86.6 87.0
IV 6000 5000	84.6 85.2	86.6 87.2	86.8 87.5	87.1 87.7	87.2 87.9	87.3 88.0	87.4 88.1	87.4 88.1	87.4 88.1	87.4 88.1	87.5 88.2	87.5 88.2	87.5 88.2	87.5 88.2	87.5 88.2	87.7 88.3
IV 4500 4000	85.3 86.0	87.4 88.1	87.7 88.3	87.9 88.6	88.1 88.8	88.1 88.8	88.2 88.9	88.2 88.9	88.2 88.9	88.2 88.9	88.3 89.0	88.3 89.0	88.3 89.1	88.3 89.1	88.3 89.1	88.5 89.2
IV 3500 3000	86.4 86.7	88.5 88.9	88.8 89.2	89.1 89.5	89.2 89.7	89.3 89.7	89.4 89.8	89.4 89.8	89.4 89.8	89.4 89.8	89.5 89.9	89.5 89.9	89.6 89.9	89.6 89.9	89.6 89.9	89.7 90.1
IV 2500 2000	87.6 88.5	89.8 90.8	90.1 91.1	90.3 91.3	90.5 91.6	90.6 91.6	90.7 91.7	90.7 91.7	90.7 91.7	90.7 91.7	90.8 91.8	90.8 91.8	90.8 91.9	90.8 91.9	90.8 91.9	91.0 92.0
IV 1800 1500	88.6 89.6	91.0 92.0	91.2 92.4	91.5 92.7	91.7 93.0	91.8 93.0	91.9 93.1	91.9 93.1	91.9 93.1	91.9 93.2	92.0 93.2	92.0 93.2	92.1 93.3	92.1 93.3	92.1 93.3	92.2 93.4
IV 1200 1000	90.9 91.9	93.4 94.5	93.7 94.9	94.1 95.3	94.4 95.5	94.4 95.6	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.8	94.6 95.8	94.7 95.8	94.7 95.8	94.7 95.8	94.8 96.0
IV 900 800	92.3 93.0	95.1 96.0	95.5 96.4	95.9 96.8	96.1 97.0	96.2 97.1	96.3 97.2	96.3 97.2	96.3 97.2	96.3 97.2	96.4 97.3	96.4 97.3	96.5 97.4	96.5 97.4	96.5 97.4	96.6 97.5
IV 700 600	93.2 93.5	96.2 96.6	96.7 97.1	97.2 97.7	97.4 98.0	97.5 98.1	97.6 98.3	97.6 98.3	97.6 98.3	97.6 98.3	97.7 98.4	97.7 98.4	97.8 98.4	97.8 98.4	97.8 98.4	97.9 98.5
IV 500 400	93.8 93.8	96.9 97.0	97.5 97.6	98.3 98.5	98.6 99.0	98.7 99.0	98.9 99.3	98.9 99.3	98.9 99.3	99.0 99.4	99.0 99.5	99.0 99.5	99.1 99.5	99.1 99.5	99.1 99.5	99.2 99.7
IV 300 200	93.8 93.8	97.0 97.0	97.6 97.6	98.5 98.5	99.0 99.0	99.1 99.1	99.4 99.4	99.5 99.5	99.5 99.5	99.5 99.6	99.6 99.7	99.6 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 100.0
IV 100 0	93.8 93.8	97.0 97.0	97.6 97.6	98.5 98.5	99.0 99.0	99.1 99.1	99.4 99.4	99.5 99.5	99.5 99.5	99.6 99.6	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2203

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOUR (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	75.0	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 20000	81.6	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 18000	81.7	82.8	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 16000	81.9	83.0	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 14000	82.6	83.8	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 12000	84.2	85.4	85.6	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 10000	85.8	87.1	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 9000	86.1	87.3	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 8000	86.6	87.9	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 7000	87.0	88.4	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 6000	87.4	88.8	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 5000	88.6	90.0	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	88.8	90.2	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4000	89.8	91.2	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3500	90.4	91.8	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3000	90.9	92.3	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2500	92.2	93.8	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 2000	93.6	95.3	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	94.0	95.7	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1500	95.0	96.8	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200	95.6	97.5	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	95.9	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	96.0	98.1	98.5	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	96.0	98.2	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	96.1	98.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	96.3	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	96.3	98.5	99.0	99.4	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.3	98.5	99.0	99.4	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.3	98.5	99.0	99.4	99.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.3	98.5	99.0	99.4	99.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.3	98.5	99.0	99.4	99.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.3	98.5	99.0	99.4	99.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2201

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.4	71.3	71.6	71.8	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	77.5	78.5	79.0	79.2	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 18000	77.9	78.9	79.3	79.5	79.8	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 16000	78.0	79.0	79.5	79.7	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 14000	79.0	80.1	80.5	80.7	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 12000	80.4	81.5	82.0	82.2	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 10000	81.9	83.0	83.5	83.7	84.0	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 9000	82.4	83.5	84.0	84.2	84.5	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 8000	83.1	84.3	84.8	85.0	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 7000	84.1	85.4	85.9	86.1	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 6000	86.4	87.8	88.3	88.5	88.9	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 5000	89.5	91.0	91.5	91.8	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 4500	89.9	91.4	92.0	92.2	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 4000	91.5	93.3	93.9	94.1	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 3500	91.9	93.8	94.4	94.6	95.0	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 3000	93.3	95.3	95.9	96.1	96.5	96.5	96.6	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 2500	94.1	96.1	96.7	96.9	97.3	97.4	97.4	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 2000	95.0	97.0	97.6	97.8	98.2	98.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1800	95.1	97.1	97.7	98.0	98.4	98.5	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	95.3	97.4	98.0	98.2	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	95.5	97.6	98.2	98.5	98.9	99.0	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	95.7	97.8	98.4	98.6	99.1	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	95.7	97.9	98.5	98.7	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	95.8	97.9	98.6	98.8	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	95.8	98.0	98.7	98.9	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	95.8	98.0	98.7	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	95.8	98.0	98.7	99.0	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	95.8	98.0	98.7	99.0	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.8	98.0	98.7	99.0	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.8	98.0	98.7	99.0	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.8	98.0	98.7	99.0	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.8	98.0	98.7	99.0	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2200

DATA PROCESSING BRANCH.
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.7	62.8	63.4	63.7	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 20000	75.0	76.5	77.3	77.7	77.9	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 18000	75.2	76.9	77.6	78.0	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 16000	75.8	77.4	78.1	78.6	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 14000	76.5	78.2	78.9	79.4	79.6	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 12000	77.9	79.7	80.4	80.9	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4
IV 10000	79.0	80.8	81.5	82.0	82.2	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 9000	79.7	81.5	82.2	82.7	82.9	82.9	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 8000	80.8	82.6	83.3	83.8	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4
IV 7000	82.0	83.9	84.7	85.1	85.4	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 6000	85.0	87.3	88.0	88.5	88.9	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3
IV 5000	89.0	91.7	92.7	93.3	93.8	93.9	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 4500	89.4	92.2	93.2	93.8	94.3	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.7
IV 4000	91.1	94.1	95.2	95.9	96.5	96.6	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 3500	91.3	94.4	95.5	96.2	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
IV 3000	91.9	95.0	96.1	96.9	97.5	97.5	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 2500	92.2	95.3	96.4	97.2	97.8	97.9	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2000	92.8	95.9	97.0	97.8	98.4	98.5	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 1800	92.9	96.0	97.1	97.9	98.5	98.6	98.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	93.0	96.1	97.2	98.0	98.6	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	93.2	96.3	97.5	98.3	98.9	99.0	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4
IV 1000	93.2	96.4	97.5	98.3	99.0	99.0	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV 900	93.2	96.4	97.5	98.4	99.0	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	93.2	96.4	97.5	98.4	99.0	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	93.4	96.6	97.7	98.6	99.2	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8
IV 600	93.4	96.6	97.7	98.6	99.2	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8
IV 500	93.4	96.6	97.7	98.6	99.2	99.3	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 400	93.4	96.6	97.7	98.6	99.3	99.3	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 300	93.4	96.6	97.7	98.6	99.3	99.3	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 200	93.4	96.6	97.7	98.6	99.3	99.3	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 100	93.4	96.6	97.7	98.6	99.3	99.3	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	93.4	96.6	97.7	98.6	99.3	99.3	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2204

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	60.8	62.4	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0
IV 20000	74.5	76.4	76.7	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
IV 18000	74.7	76.6	76.9	77.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6
IV 16000	75.1	76.9	77.3	77.6	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 14000	75.5	77.4	77.8	78.1	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 12000	77.7	79.7	80.1	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8
IV 10000	79.7	81.8	82.2	82.5	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 9000	80.1	82.3	82.7	83.0	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 8000	81.3	83.7	84.1	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
IV 7000	82.2	84.7	85.1	85.4	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 6000	84.1	87.1	87.5	87.9	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 5000	87.7	91.6	92.2	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
IV 4500	88.1	92.2	92.8	93.2	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
IV 4000	90.1	94.6	95.3	95.9	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.7
IV 3500	90.3	95.0	95.7	96.3	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
IV 3000	90.5	95.5	96.2	96.8	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.8
IV 2500	90.6	95.6	96.4	97.1	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 2000	91.0	96.2	97.0	97.6	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7
IV 1800	91.0	96.2	97.0	97.7	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
IV 1500	91.1	96.4	97.2	97.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0
IV 1200	91.3	96.5	97.4	98.1	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2
IV 1000	91.4	96.6	97.5	98.2	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.3
IV 900	91.5	96.7	97.6	98.3	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4
IV 800	91.6	96.9	97.8	98.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
IV 700	91.6	96.9	97.8	98.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
IV 600	91.6	97.0	97.9	98.5	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
IV 500	91.7	97.0	98.0	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
IV 400	91.7	97.0	98.0	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
IV 300	91.7	97.0	98.0	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
IV 200	91.7	97.0	98.0	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
IV 100	91.7	97.0	98.0	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
IV 0	91.7	97.0	98.0	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 2202

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.8	73.5	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 20000	78.0	80.9	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 18000	78.1	81.1	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 16000	78.2	81.1	81.4	81.5	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 14000	78.9	81.9	82.2	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 12000	80.1	83.2	83.5	83.6	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 10000	82.0	85.1	85.4	85.5	85.6	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 9000	82.3	85.5	85.8	85.9	86.0	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 8000	83.8	87.3	87.6	87.7	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 7000	84.8	88.4	88.7	88.8	88.9	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 6000	86.7	90.6	90.9	91.0	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 5000	89.0	93.3	93.7	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 4500	89.1	93.5	93.9	94.0	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 4000	90.7	95.3	95.7	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 3500	90.8	95.4	95.8	95.9	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 3000	91.3	96.1	96.5	96.6	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 2500	91.5	96.3	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2000	92.2	97.0	97.4	97.6	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	92.3	97.1	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	92.5	97.3	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	92.9	97.7	98.2	98.3	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	92.9	97.8	98.3	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	93.1	98.0	98.4	98.5	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	93.1	98.0	98.5	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 700	93.2	98.1	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 600	93.2	98.2	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 500	93.3	98.2	98.8	99.0	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	93.3	98.3	98.9	99.0	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 300	93.3	98.4	98.9	99.1	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	93.3	98.4	98.9	99.1	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	93.3	98.4	98.9	99.1	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	93.3	98.4	98.9	99.1	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2206

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STAT.CO.

CANNON AFB NEW MEXICO/CLOVIS
STAT.CO. NAME

43-46,52-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.7	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 20000	77.5	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 18000	77.6	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 16000	77.9	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 14000	78.9	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 12000	81.3	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 10000	84.4	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 9000	84.8	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 8000	86.5	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 7000	87.4	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 6000	88.7	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 5000	91.9	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 4500	92.3	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 4000	93.7	95.0	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 3500	93.9	95.5	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 3000	94.0	95.9	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2500	94.2	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2000	94.3	96.6	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	94.4	96.7	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	94.6	96.9	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200	94.8	97.2	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	94.9	97.3	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	95.1	97.5	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	95.4	97.9	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	95.5	98.0	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	95.5	98.1	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	95.5	98.3	98.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 400	95.7	98.5	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	95.8	98.6	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	95.8	98.6	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 100	95.8	98.6	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
IV 0	95.8	98.6	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.8	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8
≥ 20000	76.6	77.3	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7
18000	76.6	77.3	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7
16000	76.7	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8
14000	78.1	79.0	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
12000	80.9	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
10000	84.6	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9
9000	85.1	86.1	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5
8000	86.8	87.9	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3
7000	87.7	88.9	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
6000	89.3	90.3	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
5000	91.0	92.6	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
4500	91.3	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4000	92.7	94.4	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1
3500	92.9	94.7	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4
3000	93.0	95.0	95.1	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
2500	93.4	95.4	95.5	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
2000	93.5	95.5	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
1800	93.5	95.5	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
1500	93.7	95.7	95.9	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
1200	94.0	96.0	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
1000	94.4	96.5	96.7	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
900	94.6	96.7	96.9	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
800	94.7	96.9	97.1	97.3	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
700	95.0	97.2	97.4	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
600	95.3	97.7	97.9	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
500	95.4	97.8	98.1	98.4	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
400	95.4	97.9	98.2	98.5	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.3
300	95.5	97.9	98.3	98.6	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.6
200	95.5	98.0	98.5	98.8	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9
100	95.5	98.0	98.5	98.8	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0
0	95.5	98.0	98.5	98.8	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2224

USAF ETAC

FORM
JUL 64

0-14.5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.2	70.2	70.3	70.4	70.5	70.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 20000	76.3	77.4	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 18000	76.3	77.4	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 16000	76.3	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 14000	77.9	79.0	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 12000	81.5	82.7	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 10000	85.1	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 9000	85.6	86.8	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 8000	88.2	89.5	89.6	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 7000	88.9	90.3	90.5	90.6	90.7	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 6000	90.1	91.6	91.8	91.9	92.0	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 5500	90.7	92.2	92.4	92.6	92.7	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 4500	90.8	92.4	92.6	92.8	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 4000	91.4	93.2	93.4	93.6	93.7	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 3500	91.5	93.3	93.5	93.7	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 3000	91.7	93.5	93.7	93.9	94.0	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500	91.9	93.8	94.0	94.2	94.3	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	92.3	94.2	94.4	94.6	94.7	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1800	92.3	94.3	94.5	94.7	94.8	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1500	92.4	94.5	94.7	94.9	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200	92.9	95.2	95.5	95.7	95.9	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	93.4	96.0	96.3	96.5	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 900	93.7	96.3	96.6	96.8	97.1	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 800	94.1	96.8	97.1	97.4	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	94.4	97.2	97.5	97.8	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	94.6	97.5	98.0	98.3	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	94.7	97.6	98.2	98.6	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	94.7	97.7	98.3	98.6	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	94.8	97.8	98.4	98.7	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	94.8	97.8	98.4	98.7	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	94.8	97.8	98.4	98.7	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	94.8	97.8	98.4	98.7	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2276

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	71.9 78.1	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7	72.4 78.7
IV 18000 16000	78.2 78.3	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9	78.8 78.9
IV 14000 12000	80.2 83.5	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1	80.7 84.1
IV 10000 9000	87.0 87.7	87.6 88.4	87.7 88.4	87.7 88.4	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5
IV 8000 7000	89.0 89.7	89.7 90.4	89.7 90.4	89.7 90.4	89.8 90.5	89.8 90.5	89.8 90.5	89.8 90.5	89.8 90.5	89.8 90.5	89.8 90.5	89.8 90.5	89.8 90.5	89.8 90.5	89.8 90.5	89.8 90.5
IV 6000 5000	90.2 92.0	90.9 92.8	91.0 92.8	91.0 92.8	91.1 92.9	91.1 92.9	91.1 92.9	91.1 92.9	91.1 92.9	91.1 92.9	91.1 92.9	91.1 92.9	91.1 92.9	91.1 92.9	91.1 92.9	91.1 92.9
IV 4500 4000	92.1 93.1	93.0 94.0	93.0 94.1	93.0 94.1	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2	93.1 94.2
IV 3500 3000	93.9 94.2	94.8 95.2	94.9 95.2	94.9 95.2	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4
IV 2500 2000	95.0 95.8	95.9 97.0	96.0 97.0	96.1 97.1	96.2 97.2	96.2 97.2	96.2 97.2	96.2 97.2	96.2 97.2	96.2 97.2	96.2 97.2	96.2 97.2	96.2 97.2	96.2 97.2	96.2 97.2	96.2 97.2
IV 1800 1500	96.0 96.6	97.2 98.0	97.3 98.1	97.4 98.2	97.4 98.3	97.4 98.3	97.4 98.3	97.4 98.3	97.4 98.3	97.4 98.3	97.4 98.3	97.4 98.3	97.4 98.3	97.4 98.3	97.4 98.3	97.4 98.3
IV 1200 1000	97.1 97.3	98.6 98.9	98.7 99.0	98.8 99.1	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2
IV 900 800	97.4 97.5	99.0 99.1	99.1 99.2	99.2 99.3	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4
IV 700 600	97.6 97.7	99.3 99.3	99.4 99.5	99.5 99.6	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7
IV 500 400	97.7 97.7	99.3 99.3	99.6 99.6	99.7 99.7	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 300 200	97.7 97.7	99.3 99.3	99.6 99.6	99.7 99.7	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	97.7 97.7	99.3 99.3	99.6 99.6	99.7 99.7	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2270

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS/STY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	64.7	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 20000	72.6	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 18000	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 16000	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 14000	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 12000	76.8	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 10000	79.5	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 9000	79.9	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 8000	80.6	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 7000	81.9	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 6000	84.3	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 5000	89.0	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 4500	89.7	90.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4000	93.1	94.1	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 3500	94.2	95.3	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 3000	95.5	96.7	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2500	96.2	97.4	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 2000	96.6	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800	96.6	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	97.1	98.4	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	97.2	98.6	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	97.4	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	97.4	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	97.4	99.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	97.4	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	97.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	97.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.4	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2273

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.1	59.2	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	73.1	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 18000	73.2	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 16000	73.4	73.5	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 14000	74.2	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 12000	76.2	76.4	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 10000	78.8	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 9000	79.1	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 8000	80.6	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 7000	81.7	82.0	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 6000	85.1	85.6	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3
IV 5000	91.2	91.9	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
IV 4500	91.4	92.1	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 4000	94.8	95.7	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 3500	95.1	96.2	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 3000	96.0	97.3	97.8	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2500	96.3	97.7	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 2000	96.5	97.9	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1800	96.7	98.1	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 1500	96.8	98.2	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	97.0	98.4	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	97.1	98.5	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	97.1	98.6	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	97.1	98.6	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	97.2	98.7	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	97.2	98.8	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	97.2	98.8	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.2	98.8	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.2	98.8	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.2	98.8	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.2	98.8	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.2	98.8	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2277

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1
IV 20000	71.3	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 18000	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
IV 16000	71.5	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 14000	73.3	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
IV 12000	77.1	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 10000	80.8	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
IV 9000	81.2	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
IV 8000	82.9	83.5	83.6	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 7000	83.6	84.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
IV 6000	86.3	87.6	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
IV 5000	90.7	92.6	92.9	93.3	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7
IV 4500	90.8	92.6	93.0	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7
IV 4000	93.1	95.5	95.9	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
IV 3500	93.4	96.0	96.4	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
IV 3000	93.8	96.6	97.1	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
IV 2500	94.1	97.0	97.6	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.7
IV 2000	94.1	97.0	97.6	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.7
IV 1800	94.1	97.1	97.7	98.1	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
IV 1500	94.2	97.2	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.9
IV 1200	94.3	97.4	97.9	98.4	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 1000	94.4	97.4	98.0	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.2
IV 900	94.4	97.4	98.0	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.2
IV 800	94.4	97.4	98.0	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.3
IV 700	94.4	97.4	98.0	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.3
IV 600	94.4	97.4	98.0	98.6	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.4
IV 500	94.4	97.4	98.0	98.6	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.6
IV 400	94.4	97.5	98.1	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6
IV 300	94.4	97.6	98.2	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.9
IV 200	94.4	97.6	98.2	98.8	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	100.0
IV 100	94.4	97.6	98.2	98.8	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	100.0
IV 0	94.4	97.6	98.2	98.8	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2269

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 20000	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 18000	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 16000	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 14000	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 12000	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 10000	81.9	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 9000	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 8000	84.4	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 7000	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 6000	87.1	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 5000	91.5	93.4	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 4500	91.6	93.6	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 4000	93.3	95.7	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 3500	93.4	96.1	96.3	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 3000	93.8	96.8	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
IV 2500	94.1	97.3	97.5	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2000	94.1	97.4	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
IV 1800	94.1	97.5	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
IV 1500	94.2	97.6	97.8	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1200	94.3	97.7	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
IV 1000	94.4	97.9	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 900	94.5	97.9	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	94.6	98.0	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	94.6	98.2	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	94.6	98.2	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	94.6	98.2	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
IV 400	94.7	98.2	98.6	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV 300	94.7	98.2	98.6	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
IV 200	94.7	98.2	98.6	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	94.7	98.2	98.6	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	94.7	98.2	98.6	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2277

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	78.2	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 18000	78.4	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 16000	78.4	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 14000	78.8	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 12000	81.5	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 10000	84.8	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 9000	85.7	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 8000	87.5	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 7000	88.2	88.8	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 6000	90.0	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 5000	92.0	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 4500	92.6	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 4000	93.8	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3500	93.9	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 3000	94.2	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2500	94.6	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2000	95.0	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	95.1	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1500	95.6	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	95.8	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	96.1	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	96.3	97.9	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	96.5	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	96.5	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	96.6	98.5	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	96.7	98.5	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	96.7	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	96.7	98.7	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	96.7	98.7	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	96.7	98.7	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	96.7	98.7	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2259

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CUDVIS
STATION NAME

43-46, 52-71
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.9	73.3	73.3	73.6	74.0	74.0	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 20000	76.1	77.7	77.9	78.1	78.4	78.5	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 18000	76.1	77.8	77.9	78.1	78.5	78.5	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 16000	76.8	78.4	78.6	78.8	79.2	79.2	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 14000	79.3	81.0	81.1	81.3	81.7	81.7	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 12000	82.1	83.8	84.1	84.3	84.7	84.7	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 10000	82.8	84.5	84.8	85.0	85.4	85.4	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 9000	84.2	85.9	86.2	86.4	86.7	86.8	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 8000	84.9	86.7	87.0	87.2	87.6	87.6	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 7000	86.3	88.3	88.6	88.9	89.4	89.4	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 6000	87.6	89.7	90.0	90.3	90.8	90.8	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 5000	88.1	90.2	90.5	90.8	91.3	91.4	91.5	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4500	89.4	91.6	92.0	92.3	92.8	92.8	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 4000	89.8	92.1	92.5	92.9	93.4	93.4	93.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3500	90.2	92.7	93.0	93.4	93.9	94.0	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 3000	90.4	93.2	93.5	93.9	94.4	94.5	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2500	90.7	93.6	94.0	94.5	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2000	90.8	93.8	94.1	94.6	95.1	95.1	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1800	91.2	94.2	94.6	95.1	95.6	95.6	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1500	91.8	95.1	95.5	96.0	96.5	96.5	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	92.0	95.4	95.8	96.4	96.9	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000	92.4	95.9	96.3	96.9	97.4	97.5	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 900	92.5	96.0	96.5	97.0	97.6	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	92.5	96.0	96.6	97.2	97.8	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	92.6	96.3	96.9	97.6	98.2	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	92.8	96.5	97.2	97.9	98.5	98.5	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	93.0	96.8	97.5	98.2	99.0	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	93.2	96.9	97.8	98.5	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	93.2	96.9	97.8	98.5	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	93.2	96.9	97.8	98.5	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	93.2	96.9	97.8	98.5	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	93.2	96.9	97.8	98.5	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2226

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46-52-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.2	68.7	69.2	69.5	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
IV 20000	72.9	74.7	75.2	75.6	75.9	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3
IV 18000	72.9	74.7	75.2	75.6	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
IV 16000	73.1	74.9	75.3	75.7	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.5
IV 14000	73.7	75.6	76.0	76.4	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.2
IV 12000	77.1	79.0	79.4	79.8	80.2	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.7
IV 10000	81.4	83.4	83.9	84.2	84.7	84.7	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1
IV 9000	82.6	84.6	85.1	85.4	85.9	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3
IV 8000	83.8	86.0	86.4	86.9	87.3	87.3	87.4	87.5	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7
IV 7000	84.7	87.0	87.4	87.9	88.3	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7
IV 6000	85.1	87.5	88.0	88.5	88.9	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3
IV 5000	86.2	88.8	89.4	89.9	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.8
IV 4500	86.5	89.1	89.7	90.2	90.7	90.7	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1
IV 4000	87.4	90.3	90.9	91.5	91.9	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.4
IV 3500	87.7	90.7	91.4	91.9	92.4	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8
IV 3000	87.8	91.1	91.8	92.4	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.3
IV 2500	88.0	91.3	92.0	92.6	93.0	93.1	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5
IV 2000	88.5	91.9	92.7	93.3	93.8	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
IV 1800	88.5	92.0	92.7	93.4	93.9	93.9	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3
IV 1500	88.8	92.4	93.1	93.7	94.3	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.8
IV 1200	89.3	93.1	93.9	94.6	95.2	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.7
IV 1000	89.6	93.6	94.5	95.3	95.9	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.5
IV 900	89.8	93.8	94.8	95.6	96.2	96.2	96.4	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.8
IV 800	90.1	94.3	95.4	96.3	96.9	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5
IV 700	90.4	94.8	95.8	96.8	97.4	97.5	97.6	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.1
IV 600	90.5	95.0	96.2	97.2	97.8	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4
IV 500	90.6	95.2	96.4	97.7	98.4	98.5	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1
IV 400	90.6	95.3	96.5	97.3	98.6	98.7	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.6
IV 300	90.7	95.4	96.6	97.9	98.7	98.8	99.1	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9
IV 200	90.7	95.4	96.6	97.9	98.7	98.8	99.1	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0
IV 100	90.7	95.4	96.6	97.9	98.7	98.8	99.1	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0
IV 0	90.7	95.4	96.6	97.9	98.7	98.8	99.1	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2316

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-4652-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 20000	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 18000	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 16000	79.3	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 14000	80.3	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 12000	83.4	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 10000	85.8	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 9000	86.3	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 8000	87.9	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 7000	88.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 6000	88.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 5000	90.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 4500	90.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 4000	91.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3500	91.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3000	92.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	93.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 2000	93.8	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1800	93.9	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500	94.7	96.5	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	95.6	97.5	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1000	96.0	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	96.3	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	96.3	98.4	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	96.7	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	96.7	98.8	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	96.7	98.9	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	96.7	98.9	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.7	98.9	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.7	98.9	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.7	98.9	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.7	98.9	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING N 20000	66.7 74.1	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3	66.9 74.3
IV 18000 16000	74.1 74.2	74.3 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5	74.4 74.5
IV 14000 12000	74.8 77.0	75.1 77.2	75.1 77.3	75.1 77.3	75.1 77.3	75.1 77.3	75.1 77.3	75.1 77.3	75.1 77.3	75.1 77.3	75.1 77.3	75.1 77.3	75.1 77.3	75.1 77.3	75.1 77.3	75.1 77.3
IV 10000 9000	79.2 79.6	79.4 79.8	79.5 79.9	79.5 79.9	79.5 79.9	79.5 79.9	79.5 79.9	79.5 79.9	79.5 79.9	79.5 79.9	79.5 79.9	79.5 79.9	79.5 79.9	79.5 79.9	79.5 79.9	79.5 79.9
IV 8000 7000	80.8 81.9	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2	81.1 82.2
IV 6000 5000	84.3 88.9	84.7 89.5	84.8 89.6	84.8 89.7	84.8 89.7	84.8 89.7	84.8 89.7	84.8 89.7	84.8 89.7	84.8 89.7	84.8 89.7	84.8 89.7	84.8 89.7	84.8 89.7	84.8 89.7	84.8 89.7
IV 4500 4000	89.6 92.7	90.2 93.4	90.3 93.5	90.4 93.5	90.4 93.5	90.4 93.5	90.4 93.6	90.4 93.6	90.4 93.6	90.4 93.6	90.4 93.6	90.4 93.6	90.4 93.6	90.4 93.6	90.4 93.6	90.4 93.6
IV 3500 3000	93.7 95.0	94.3 95.7	94.4 95.7	94.5 95.9	94.5 95.9	94.5 95.9	94.6 96.0	94.6 96.0	94.6 96.0	94.6 96.0	94.6 96.0	94.6 96.0	94.6 96.0	94.6 96.0	94.6 96.0	94.6 96.0
IV 2500 2000	95.6 96.6	96.4 97.5	96.6 97.6	96.7 97.7	96.7 97.8	96.7 97.8	96.8 97.9	96.8 97.9	96.8 97.9	96.8 97.9	96.8 97.9	96.8 97.9	96.8 97.9	96.8 97.9	96.8 97.9	96.8 97.9
IV 1800 1500	96.6 97.3	97.5 98.2	97.7 98.4	97.8 98.5	97.9 98.6	97.9 98.6	98.0 98.7	98.0 98.7	98.0 98.7	98.0 98.7	98.0 98.7	98.0 98.7	98.0 98.7	98.0 98.7	98.0 98.7	98.0 98.7
IV 1200 1000	97.5 97.7	98.5 98.8	98.6 98.9	98.8 99.1	98.8 99.2	98.8 99.2	98.9 99.3	98.9 99.3	98.9 99.3	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4
IV 900 800	97.7 97.8	98.8 98.8	98.9 99.0	99.1 99.1	99.2 99.3	99.2 99.3	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.5	99.4 99.5
IV 700 600	97.9 97.9	99.0 99.1	99.1 99.3	99.3 99.4	99.4 99.6	99.4 99.6	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8
IV 500 400	97.9 97.9	99.1 99.1	99.3 99.3	99.5 99.5	99.6 99.6	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9
IV 300 200	97.9 97.9	99.1 99.1	99.3 99.3	99.5 99.5	99.6 99.6	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 100 0	97.9 97.9	99.1 99.1	99.3 99.3	99.5 99.5	99.6 99.6	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 2322

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 18000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 16000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 14000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 12000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 10000	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 9000	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 8500	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 7000	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 6000	86.5	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 5000	92.1	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 4500	92.5	93.2	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 4000	95.2	96.2	96.5	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
IV 3500	95.4	96.4	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
IV 3000	96.1	97.2	97.5	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
IV 2500	96.3	97.4	97.8	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 2000	96.5	97.8	98.1	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1800	96.5	97.8	98.1	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	96.6	98.0	98.3	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 1200	96.7	98.0	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	96.8	98.1	98.5	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	96.9	98.3	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 800	96.9	98.3	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 700	97.0	98.5	98.9	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 600	97.0	98.5	98.9	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 500	97.0	98.5	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 400	97.0	98.5	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 300	97.0	98.5	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 200	97.0	98.5	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 100	97.0	98.5	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	97.0	98.5	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2320

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 20000	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 18000	75.0	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 16000	75.2	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 14000	76.0	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 12000	79.0	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 10000	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 9000	83.7	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 8000	85.4	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 7000	86.1	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 6000	87.9	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 5000	92.2	93.8	94.1	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 4500	92.7	94.4	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 4000	94.6	96.9	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 3500	94.8	97.1	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 3000	95.3	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IV 2500	95.5	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 2000	95.7	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1
IV 1800	95.7	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1
IV 1500	95.7	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1
IV 1200	95.7	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1
IV 1000	95.9	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	95.9	98.4	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	95.9	98.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 700	96.0	98.6	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 600	96.1	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	96.2	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.2	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.2	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.2	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.2	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.2	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2323

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS

43-4652-72

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	70.3	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 20000	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 18000	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 16000	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 14000	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 12000	81.3	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 10000	85.0	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 9000	85.7	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 8000	87.5	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 7000	88.3	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 6000	89.9	90.6	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 5000	92.7	94.0	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 4500	92.9	94.2	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 4000	94.4	96.1	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 3500	94.7	96.4	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 3000	95.3	97.1	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2500	95.6	97.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 2000	95.9	97.7	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	96.0	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	96.1	97.9	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	96.2	97.9	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV 1000	96.4	98.2	98.4	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IV 900	96.4	98.2	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	96.4	98.2	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 700	96.5	98.3	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 600	96.6	98.4	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 500	96.8	98.7	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 400	96.8	98.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	96.8	98.7	98.9	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 200	96.8	98.7	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	96.8	98.7	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	96.8	98.7	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2319

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.4	74.0	74.2	74.3	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 20000	76.9	77.6	77.8	77.9	77.9	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
IV/V 18000	76.9	77.6	77.8	77.9	77.9	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
IV/V 16000	77.0	77.6	77.8	77.9	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
IV/V 14000	77.5	78.2	78.4	78.5	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
IV/V 12000	78.8	79.7	79.9	80.0	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
IV/V 10000	80.5	81.5	81.7	81.8	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
IV/V 9000	80.7	81.6	81.9	82.0	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3
IV/V 8000	81.5	82.5	82.7	82.8	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
IV/V 7000	82.2	83.4	83.6	83.7	83.8	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
IV/V 6000	82.8	84.0	84.2	84.4	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
IV/V 5000	83.6	84.9	85.2	85.3	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.8
IV/V 4500	83.8	85.2	85.4	85.5	85.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
IV/V 4000	84.4	85.8	86.1	86.4	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.9	86.9
IV/V 3500	84.7	86.1	86.4	86.7	86.8	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.3
IV/V 3000	84.9	86.6	86.9	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.7	87.8
IV/V 2500	85.3	87.1	87.4	87.7	87.8	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.3
IV/V 2000	85.7	87.7	88.0	88.4	88.5	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	89.0	89.0
IV/V 1800	86.0	88.0	88.5	88.8	88.9	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.4	89.4
IV/V 1500	86.6	88.9	89.3	89.7	89.8	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.3
IV/V 1200	87.4	89.7	90.3	90.7	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.3	91.3
IV/V 1000	88.4	90.8	91.5	91.8	92.1	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.6
IV/V 900	88.7	91.5	92.2	92.5	92.7	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.2	93.2
IV/V 800	89.0	92.0	92.7	93.0	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.9
IV/V 700	89.8	93.1	93.8	94.2	94.5	94.6	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.1	95.1
IV/V 600	90.1	93.8	94.7	95.1	95.4	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	96.0	96.0
IV/V 500	90.5	94.8	95.7	96.2	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.2
IV/V 400	90.9	95.7	96.8	97.5	97.8	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.5
IV/V 300	90.9	95.7	96.9	97.7	98.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	99.0
IV/V 200	90.9	95.9	97.2	97.9	98.3	98.4	98.7	98.9	99.0	99.0	99.1	99.1	99.4	99.4	99.5	99.5
IV/V 100	90.9	96.0	97.3	98.0	98.4	98.4	98.8	99.0	99.1	99.1	99.2	99.2	99.6	99.6	99.8	99.8
IV/V 0	90.9	96.0	97.3	98.0	98.4	98.4	98.8	99.0	99.1	99.1	99.2	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2184

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46-52-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.8	70.2	70.4	70.7	71.0	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.5	71.5	71.5	71.8
IV 20000	71.2	72.6	72.9	73.1	73.4	73.5	73.6	73.6	73.6	73.7	73.7	73.7	74.0	74.0	74.0	74.3
IV 18000	71.2	72.6	72.9	73.1	73.4	73.5	73.6	73.6	73.6	73.7	73.7	73.7	74.0	74.0	74.0	74.3
IV 16000	71.3	72.7	73.0	73.2	73.5	73.6	73.7	73.7	73.7	73.8	73.8	73.8	74.1	74.1	74.1	74.4
IV 14000	71.9	73.4	73.6	73.9	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.7	74.8	74.8	75.1
IV 12000	73.1	74.6	74.8	75.1	75.4	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.9	76.0	76.0	76.3
IV 10000	74.7	76.3	76.5	76.8	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.6	77.7	77.7	78.0
IV 9000	75.1	76.7	76.9	77.2	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	78.0	78.1	78.1	78.4
IV 8000	75.8	77.4	77.6	77.9	78.2	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.7	78.8	78.8	79.1
IV 7000	76.3	77.9	78.1	78.4	78.7	78.7	78.9	78.9	78.9	79.1	79.1	79.1	79.3	79.3	79.3	79.7
IV 6000	77.6	79.3	79.6	79.9	80.1	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.7	80.8	80.8	81.1
IV 5000	78.5	80.2	80.5	80.7	81.0	81.1	81.2	81.2	81.2	81.4	81.4	81.4	81.6	81.7	81.7	82.0
IV 4500	78.7	80.5	80.9	81.1	81.4	81.5	81.6	81.7	81.7	81.8	81.8	81.8	82.0	82.1	82.1	82.4
IV 4000	79.2	81.1	81.4	81.7	82.0	82.0	82.2	82.2	82.2	82.4	82.4	82.4	82.6	82.6	82.6	83.0
IV 3500	79.5	81.4	81.8	82.0	82.4	82.4	82.5	82.6	82.6	82.7	82.7	82.7	83.0	83.0	83.0	83.3
IV 3000	79.8	81.8	82.2	82.5	82.8	82.9	83.0	83.0	83.0	83.2	83.2	83.2	83.4	83.5	83.5	83.8
IV 2500	79.9	82.0	82.4	82.7	83.1	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.7	83.7	83.7	84.1
IV 2000	80.9	83.2	83.6	84.1	84.4	84.5	84.6	84.7	84.7	84.8	84.8	84.8	85.0	85.1	85.1	85.4
IV 1800	81.4	83.8	84.3	84.8	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.8	85.8	85.8	86.2
IV 1600	81.7	84.4	84.8	85.4	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.3	86.4	86.4	86.7
IV 1400	82.8	85.6	86.1	86.7	87.0	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.6	87.7	87.7	88.0
IV 1200	83.7	87.0	87.5	88.1	88.6	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.2	89.3	89.3	89.6
IV 1000	84.0	87.9	88.3	89.0	89.4	89.5	89.7	89.8	89.8	89.9	89.9	89.9	90.1	90.2	90.2	90.5
IV 900	84.8	88.8	89.4	90.1	90.5	90.6	90.8	90.9	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.7
IV 800	85.8	90.4	91.0	91.7	92.1	92.2	92.5	92.6	92.6	92.7	92.7	92.7	93.0	93.0	93.0	93.3
IV 700	86.6	91.7	92.5	93.2	93.7	93.7	94.0	94.1	94.1	94.3	94.3	94.3	94.5	94.6	94.6	94.9
IV 600	86.9	92.7	93.7	94.6	95.1	95.2	95.5	95.7	95.7	95.9	95.9	95.9	96.1	96.2	96.2	96.5
IV 500	87.2	93.5	94.7	95.8	96.5	96.6	96.9	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.7	98.1
IV 400	87.2	93.7	95.0	96.1	96.9	96.9	97.3	97.8	97.8	98.0	98.0	98.0	98.2	98.3	98.3	98.7
IV 300	87.2	93.8	95.1	96.3	97.1	97.2	97.6	98.1	98.1	98.4	98.4	98.4	98.7	98.7	98.7	99.1
IV 200	87.2	93.8	95.1	96.3	97.2	97.3	97.7	98.2	98.3	98.6	98.6	98.6	98.7	99.0	99.0	99.6
IV 100	87.2	93.8	95.1	96.3	97.2	97.3	97.7	98.2	98.3	98.6	98.6	98.6	98.7	99.0	99.0	99.6
IV 0	87.2	93.8	95.1	96.3	97.2	97.3	97.7	98.2	98.3	98.6	98.6	98.6	98.7	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2159

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.6	63.1	63.4	63.7	64.4	64.4	64.5	64.5	64.5	64.6	64.7	64.7	64.8	64.8	64.9	65.1
≥ 20000	65.6	67.3	67.7	67.9	68.6	68.7	68.8	68.8	68.8	68.9	69.0	69.0	69.1	69.1	69.2	69.4
IV 18000	65.7	67.4	67.8	68.0	68.7	68.8	68.9	68.9	68.9	69.0	69.1	69.1	69.2	69.2	69.3	69.5
IV 16000	66.3	68.2	68.5	68.7	69.4	69.5	69.6	69.6	69.6	69.7	69.8	69.8	69.9	69.9	70.0	70.2
IV 14000	66.9	68.8	69.1	69.4	70.2	70.2	70.3	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.7	70.9
IV 12000	69.6	71.5	71.9	72.2	73.0	73.0	73.1	73.1	73.1	73.2	73.4	73.4	73.5	73.5	73.5	73.7
IV 10000	71.3	73.4	73.8	74.1	74.9	75.0	75.1	75.1	75.1	75.2	75.3	75.3	75.4	75.4	75.5	75.7
IV 9000	71.6	73.8	74.2	74.5	75.3	75.4	75.5	75.5	75.5	75.6	75.7	75.7	75.8	75.8	75.9	76.1
IV 8000	72.4	74.7	75.1	75.5	76.3	76.3	76.4	76.5	76.5	76.6	76.7	76.7	76.8	76.8	76.9	77.1
IV 7000	72.9	75.4	75.8	76.2	77.0	77.0	77.1	77.2	77.2	77.3	77.4	77.4	77.5	77.5	77.6	77.8
IV 6000	73.5	76.3	76.7	77.1	77.9	77.9	78.0	78.1	78.1	78.2	78.4	78.4	78.4	78.4	78.5	78.7
IV 5000	74.3	77.2	77.7	78.1	78.9	79.0	79.1	79.2	79.2	79.3	79.4	79.4	79.5	79.5	79.6	79.8
IV 4500	74.6	77.5	78.0	78.4	79.2	79.3	79.4	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	80.1
IV 4000	75.2	78.2	78.8	79.2	80.0	80.1	80.2	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.9
IV 3500	75.3	78.4	79.0	79.4	80.2	80.3	80.4	80.5	80.5	80.6	80.7	80.7	80.8	80.8	80.8	81.1
IV 3000	75.7	78.8	79.4	79.8	80.6	80.7	80.8	80.9	80.9	81.0	81.2	81.2	81.2	81.2	81.3	81.5
IV 2500	75.8	79.0	79.6	80.1	80.9	81.0	81.1	81.2	81.2	81.3	81.4	81.4	81.5	81.5	81.6	81.8
IV 2000	76.7	80.1	80.8	81.2	82.0	82.1	82.3	82.4	82.4	82.6	82.7	82.7	82.8	82.8	82.9	83.1
IV 1800	77.0	80.6	81.4	81.9	82.7	82.8	83.0	83.2	83.2	83.3	83.4	83.4	83.5	83.5	83.6	83.8
IV 1500	77.8	81.7	82.5	83.0	84.0	84.1	84.2	84.4	84.4	84.5	84.7	84.7	84.8	84.8	84.8	85.0
IV 1200	79.1	83.2	84.1	84.7	85.6	85.7	85.9	86.1	86.1	86.2	86.4	86.4	86.5	86.5	86.5	86.7
IV 1000	79.8	84.2	85.1	85.8	86.8	86.9	87.2	87.5	87.5	87.7	87.8	87.8	87.9	87.9	87.9	88.2
IV 900	80.4	85.4	85.5	87.3	88.4	88.5	88.9	89.2	89.2	89.3	89.4	89.4	89.5	89.5	89.6	89.8
IV 800	80.9	86.7	87.8	88.8	89.9	90.1	90.5	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.2	91.4
IV 700	81.4	87.9	89.0	90.2	91.4	91.6	92.0	92.3	92.3	92.5	92.6	92.6	92.7	92.7	92.7	93.0
IV 600	81.7	88.8	90.1	91.4	92.7	93.0	93.4	93.7	93.7	93.9	94.0	94.0	94.1	94.1	94.2	94.4
IV 500	82.0	89.8	91.4	93.0	94.6	94.8	95.5	95.8	95.8	95.9	96.1	96.1	96.2	96.2	96.2	96.5
IV 400	82.0	90.1	91.8	93.7	95.4	95.8	96.4	96.8	96.8	97.1	97.2	97.2	97.4	97.4	97.4	97.7
IV 300	82.0	90.1	91.9	93.8	95.6	96.1	96.9	97.4	97.5	97.8	97.9	98.0	98.2	98.2	98.3	98.8
IV 200	82.1	90.2	92.0	93.9	95.8	96.3	97.1	97.6	97.7	98.1	98.3	98.4	98.7	98.7	98.8	99.2
IV 100	82.1	90.2	92.0	93.9	95.8	96.3	97.1	97.6	97.7	98.1	98.3	98.4	98.7	98.8	98.9	99.5
IV 0	82.1	90.2	92.0	93.9	95.8	96.3	97.1	97.6	97.7	98.1	98.3	98.4	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2245

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008

CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.8	70.2	70.2	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 20000	74.7	75.3	75.3	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 18000	74.8	75.4	75.4	75.4	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 16000	75.1	75.6	75.6	75.7	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 14000	76.0	76.6	76.6	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 12000	78.2	78.8	78.8	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 10000	80.1	80.8	80.8	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 9000	80.4	81.2	81.2	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 8000	81.4	82.2	82.3	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 7000	82.1	82.9	83.0	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 6000	82.2	83.0	83.1	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 5000	82.8	83.8	83.9	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4500	83.0	84.1	84.2	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4000	83.8	85.0	85.2	85.3	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3500	84.1	85.3	85.5	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 3000	84.8	86.1	86.3	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2500	86.1	87.5	87.7	87.8	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2000	88.2	89.7	90.0	90.1	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1800	88.8	90.5	90.8	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1500	90.0	92.0	92.3	92.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1200	91.2	93.5	93.9	94.0	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1000	91.7	94.4	94.8	95.0	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 900	92.1	94.9	95.3	95.5	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 800	92.3	95.3	95.7	95.9	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 700	92.7	95.9	96.4	96.6	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	92.9	96.6	97.2	97.5	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	93.2	97.0	97.6	98.0	98.5	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	93.2	97.1	97.7	98.2	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	93.2	97.1	97.7	98.2	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	93.2	97.1	97.7	98.2	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	93.2	97.1	97.7	98.2	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	93.2	97.1	97.7	98.2	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 2241

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS

43-46,52-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.0	69.2	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 20000	75.7	76.0	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 18000	76.0	76.3	76.4	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 16000	76.1	76.4	76.5	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 14000	77.2	77.6	77.7	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 12000	79.0	79.3	79.5	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 10000	81.2	81.7	81.9	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 9000	81.4	82.0	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 8000	81.7	82.4	82.6	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 7000	82.5	83.2	83.4	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 6000	83.8	84.5	84.7	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 5000	85.3	86.2	86.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 4500	86.1	86.9	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4000	87.7	88.7	89.0	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 3500	88.1	89.2	89.4	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 3000	89.8	90.9	91.2	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
IV 2500	91.4	92.5	92.8	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
IV 2000	93.2	94.4	94.7	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1800	93.4	94.7	95.0	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
IV 1500	94.0	95.4	95.6	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
IV 1200	94.5	95.9	96.2	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	95.1	96.7	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 900	95.2	96.8	97.2	97.4	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	95.4	97.1	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	95.5	97.4	97.7	98.1	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	95.6	97.6	97.9	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 500	95.6	97.7	98.1	98.7	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	95.7	97.8	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	95.7	97.8	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.7	97.8	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.7	97.8	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.7	97.8	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.1	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 20000	77.4	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 18000	77.7	78.1	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 16000	77.9	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 14000	79.0	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 12000	81.3	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 10000	83.8	84.2	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 9000	84.0	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 8000	84.5	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 7000	85.3	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
IV 6000	87.2	88.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 5000	89.3	90.3	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4500	90.0	91.0	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 4000	90.8	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3500	91.3	92.6	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	92.1	93.3	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2
IV 2500	92.7	94.1	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 2000	93.4	95.0	95.5	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1800	93.7	95.2	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500	93.8	95.4	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
IV 1200	94.2	95.9	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	94.7	96.4	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 900	94.9	96.8	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	95.2	97.2	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	95.3	97.4	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	95.4	97.6	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1
IV 500	95.5	97.6	98.4	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5
IV 400	95.5	97.7	98.5	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	95.5	97.7	98.5	99.0	99.3	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.8	99.9	99.9	99.9
IV 200	95.5	97.7	98.5	99.0	99.3	99.3	99.3	99.4	99.5	99.5	99.7	99.8	99.9	100.0	100.0	100.0
IV 100	95.5	97.7	98.5	99.0	99.3	99.3	99.3	99.4	99.5	99.5	99.7	99.8	99.9	100.0	100.0	100.0
IV 0	95.5	97.7	98.5	99.0	99.3	99.3	99.3	99.4	99.5	99.5	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2243

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.3	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 20000	78.3	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 18000	78.4	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 16000	78.4	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 14000	79.5	80.2	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 12000	81.8	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 10000	84.8	85.6	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 9000	85.2	86.1	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 8000	86.6	87.7	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 7000	87.1	88.2	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 6000	88.1	89.4	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 5000	89.9	91.3	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 4500	90.1	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 4000	90.7	92.6	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 3500	91.0	92.9	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3000	91.7	93.6	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 2500	92.0	94.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2000	92.5	94.9	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1800	92.5	95.0	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1500	92.7	95.3	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1200	92.9	95.5	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	93.5	96.4	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
IV 900	93.7	96.6	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	93.7	96.8	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 700	93.9	97.0	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 600	93.9	97.1	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 500	94.0	97.4	98.3	98.5	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 400	94.0	97.5	98.4	98.6	98.8	98.8	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	94.0	97.5	98.4	98.7	98.8	98.9	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6
IV 200	94.0	97.5	98.4	98.7	98.8	98.9	99.1	99.2	99.3	99.4	99.6	99.7	99.8	99.9	99.9	99.9
IV 100	94.0	97.5	98.4	98.7	98.8	98.9	99.1	99.2	99.3	99.5	99.6	99.8	100.0	100.0	100.0	100.0
IV 0	94.0	97.5	98.4	98.7	98.8	98.9	99.1	99.2	99.3	99.5	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2245

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	75.2	75.8	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 20000	79.3	80.0	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 18000	79.5	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 16000	79.6	80.2	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 14000	80.1	80.5	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 12000	81.6	82.2	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 10000	83.1	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 9000	83.5	84.2	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 8000	84.7	85.4	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 7000	85.4	86.2	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 6000	86.3	87.3	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 5000	87.6	88.8	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 4500	88.0	89.2	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 4000	89.3	90.8	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3500	89.5	91.1	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3000	89.9	91.6	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 2500	90.4	92.2	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	90.8	92.8	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1800	91.0	93.1	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1500	91.4	93.7	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1200	91.8	94.1	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1000	92.4	94.9	95.2	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 900	92.7	95.2	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 800	92.9	95.6	96.0	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 700	93.4	96.2	96.6	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	93.6	96.5	96.9	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500	93.7	96.8	97.2	97.6	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 400	93.9	97.3	97.9	98.3	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	94.1	97.5	98.0	98.5	98.8	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	94.1	97.5	98.0	98.5	98.8	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7
IV 100	94.1	97.6	98.1	98.5	98.8	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.8	99.8	100.0
IV 0	94.1	97.6	98.1	98.5	98.8	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2245

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.3	78.5	78.7	78.8	78.9	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 20000	79.6	81.0	81.1	81.2	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7
IV 18000	79.6	81.0	81.1	81.2	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7
IV 16000	79.6	81.0	81.1	81.2	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7
IV 14000	80.1	81.5	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2
IV 12000	81.0	82.4	82.6	82.7	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 10000	81.6	83.0	83.2	83.3	83.5	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8
IV 9000	81.8	83.2	83.4	83.5	83.6	83.6	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
IV 8000	82.7	84.1	84.3	84.5	84.6	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0
IV 7000	83.1	84.6	84.8	85.0	85.1	85.1	85.2	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4
IV 6000	84.0	85.5	85.8	85.9	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4
IV 5000	84.3	85.8	86.0	86.2	86.3	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
IV 4500	84.8	86.3	86.5	86.7	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2
IV 4000	85.3	86.8	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
IV 3500	85.6	87.2	87.4	87.6	87.7	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1
IV 3000	86.1	87.7	88.0	88.1	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7
IV 2500	86.7	88.5	88.8	89.0	89.3	89.3	89.4	89.4	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6
IV 2000	87.0	88.9	89.2	89.4	89.6	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0
IV 1800	87.3	89.2	89.4	89.6	89.9	89.9	90.0	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	88.2	90.1	90.4	90.6	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2
IV 1200	88.8	90.8	91.0	91.4	91.6	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1000	89.2	91.2	91.5	91.9	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5
IV 900	89.3	91.5	91.9	92.2	92.5	92.5	92.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9
IV 800	89.6	92.3	92.7	93.0	93.4	93.4	93.5	93.5	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8
IV 700	89.8	92.5	92.9	93.4	93.8	93.8	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4
IV 600	89.9	92.7	93.2	93.7	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7
IV 500	90.3	93.4	94.0	94.6	95.2	95.2	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 400	90.4	94.1	94.7	95.3	96.1	96.1	96.5	96.6	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.2
IV 300	90.4	94.4	95.1	95.8	96.7	96.7	97.2	97.3	97.3	97.6	97.7	97.7	98.0	98.0	98.1	98.1
IV 200	90.4	94.4	95.1	95.9	96.9	96.9	97.6	97.7	97.8	98.1	98.3	98.3	98.6	98.6	98.8	98.9
IV 100	90.4	94.4	95.1	95.9	96.9	96.9	97.6	97.7	97.8	98.2	98.4	98.4	98.9	98.9	99.3	99.5
IV 0	90.4	94.4	95.1	95.9	96.9	96.9	97.6	97.7	97.8	98.2	98.4	98.4	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2260

USAF ETAC

FORM
JUL 64

0-14.5 (OLA)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-71
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.2	75.8	76.1	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.9
IV 20000	76.2	77.9	78.2	78.3	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9	78.9	79.0
IV 18000	76.3	78.0	78.3	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.1
IV 16000	76.3	78.0	78.3	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.1
IV 14000	76.8	78.4	78.7	78.8	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.6
IV 12000	77.3	79.0	79.3	79.5	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.1	80.2	80.3
IV 10000	77.9	79.7	80.1	80.2	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.8	80.9	81.0
IV 9000	78.0	79.9	80.2	80.3	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.1
IV 8000	78.5	80.4	80.7	80.8	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.6
IV 7000	79.1	81.0	81.3	81.5	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.2	82.3
IV 6000	79.9	81.8	82.1	82.2	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	83.1
IV 5000	80.2	82.2	82.5	82.7	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.4	83.5
IV 4500	80.4	82.4	82.7	82.8	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.6	83.7
IV 4000	81.1	83.2	83.5	83.7	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.4	84.5
IV 3500	81.5	83.6	83.9	84.1	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.8	84.9
IV 3000	82.4	84.5	84.8	85.0	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.8	85.9
IV 2500	82.8	85.1	85.5	85.6	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.6
IV 2000	83.3	85.6	85.9	86.1	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.9	86.9	87.1
IV 1800	83.3	85.7	86.0	86.2	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	87.0	87.1
IV 1500	84.3	86.7	87.0	87.2	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.1
IV 1200	85.0	87.7	88.1	88.4	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.4
IV 1000	85.6	88.5	88.9	89.2	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.1	90.3
IV 900	85.9	89.1	89.5	89.9	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.9	90.9	91.1
IV 800	86.9	90.2	90.6	91.0	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	92.0	92.1	92.2
IV 700	87.2	90.7	91.2	91.7	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.8	92.9	93.0
IV 600	87.7	91.3	91.8	92.3	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.6	93.7
IV 500	88.0	91.9	92.6	93.2	94.3	94.3	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.9	95.0	95.2
IV 400	88.4	92.5	93.5	94.2	95.4	95.4	95.6	95.7	95.8	96.1	96.1	96.1	96.1	96.3	96.4	96.5
IV 300	88.5	92.7	93.8	94.6	95.9	95.9	96.2	96.3	96.4	96.8	96.8	96.8	96.8	96.9	97.0	97.3
IV 200	88.5	92.8	93.8	94.7	96.0	96.0	96.5	96.8	96.8	97.4	97.6	97.6	97.6	97.9	98.0	98.5
IV 100	88.5	92.8	93.8	94.7	96.1	96.1	96.6	96.9	96.9	97.7	97.8	97.8	97.8	98.5	98.5	99.2
IV 0	88.5	92.8	93.8	94.7	96.1	96.1	96.6	96.9	96.9	97.7	97.8	97.8	97.8	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2227

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	64.7	66.7	67.2	67.7	68.3	68.3	68.4	68.5	68.5	68.7	68.7	68.7	68.8	68.8	68.9	69.1
≥ 20000	69.6	71.7	72.3	72.7	73.6	73.6	73.6	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.1	74.3
IV 18000	69.9	71.9	72.5	72.9	73.8	73.8	73.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.3	74.5
IV 16000	69.9	71.9	72.5	73.0	73.8	73.8	73.9	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.4	74.6
IV 14000	70.6	72.0	73.3	73.7	74.5	74.5	74.6	74.7	74.8	75.0	75.0	75.0	75.0	75.1	75.1	75.3
IV 12000	71.8	73.4	74.5	75.0	75.8	75.8	75.9	76.0	76.1	76.3	76.3	76.3	76.3	76.4	76.4	76.6
IV 10000	72.8	75.1	75.7	76.1	77.0	77.0	77.1	77.2	77.3	77.5	77.5	77.5	77.5	77.6	77.6	77.8
IV 9000	73.0	75.3	75.9	76.4	77.2	77.2	77.3	77.4	77.5	77.7	77.7	77.7	77.7	77.8	77.8	78.0
IV 8000	73.7	76.1	76.7	77.2	78.1	78.1	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.7	78.9
IV 7000	74.3	76.7	77.3	77.8	78.7	78.7	78.8	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.3	79.5
IV 6000	74.7	77.1	77.7	78.3	79.1	79.1	79.2	79.3	79.4	79.6	79.6	79.6	79.6	79.7	79.7	79.9
IV 5000	75.5	78.0	78.6	79.1	80.0	80.0	80.1	80.2	80.2	80.4	80.4	80.4	80.5	80.5	80.6	80.8
IV 4500	75.8	78.3	78.9	79.4	80.3	80.3	80.4	80.5	80.6	80.8	80.8	80.8	80.8	80.9	80.9	81.1
IV 4000	76.4	78.9	79.5	80.0	80.9	80.9	81.0	81.1	81.2	81.4	81.4	81.4	81.4	81.5	81.5	81.7
IV 3500	77.1	79.8	80.4	80.9	81.7	81.7	81.9	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.4	82.6
IV 3000	77.4	80.2	80.8	81.3	82.3	82.3	82.4	82.6	82.6	82.8	82.8	82.8	82.8	82.9	82.9	83.2
IV 2500	78.0	80.8	81.4	82.0	82.9	82.9	83.1	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.6	83.8
IV 2000	78.8	81.7	82.3	82.9	83.9	83.9	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.8
IV 1800	78.9	81.8	82.5	83.0	84.0	84.0	84.2	84.3	84.3	84.5	84.5	84.5	84.5	84.6	84.6	84.9
IV 1500	79.3	82.4	83.2	83.8	84.8	84.8	84.9	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.5	85.7
IV 1200	79.8	83.3	84.1	84.8	85.7	85.7	85.9	86.1	86.1	86.3	86.3	86.3	86.4	86.4	86.5	86.7
IV 1000	80.9	84.8	85.7	86.4	87.4	87.5	87.6	87.8	87.9	88.1	88.1	88.1	88.1	88.2	88.2	88.4
IV 900	81.3	85.3	86.2	86.9	87.9	87.9	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.9
IV 800	81.7	86.2	87.2	87.9	89.0	89.0	89.2	89.4	89.4	89.7	89.7	89.7	89.7	89.8	89.8	90.0
IV 700	82.3	87.3	88.4	89.3	90.4	90.4	90.7	90.8	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.4
IV 600	82.6	88.0	89.2	90.3	91.5	91.5	91.6	91.9	92.2	92.2	92.5	92.5	92.5	92.5	92.6	92.8
IV 500	83.0	88.8	90.4	91.6	93.0	93.2	93.6	93.9	94.0	94.4	94.4	94.4	94.5	94.6	94.6	94.8
IV 400	83.3	89.5	91.1	92.5	94.1	94.3	95.0	95.4	95.5	96.0	96.0	96.0	96.0	96.1	96.2	96.5
IV 300	83.3	89.5	91.3	92.8	94.4	94.6	95.5	96.0	96.1	96.6	96.7	96.7	96.9	96.9	97.1	97.4
IV 200	83.3	89.6	91.4	93.1	94.7	95.0	96.0	96.5	96.6	97.3	97.4	97.4	97.7	97.8	98.0	98.4
IV 100	83.3	89.7	91.4	93.2	94.8	95.1	96.0	96.6	96.8	97.5	97.7	97.7	98.2	98.2	98.6	99.2
IV 0	83.3	89.7	91.4	93.2	94.8	95.1	96.1	96.6	96.8	97.6	97.8	97.8	98.3	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2322

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.4	70.2	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
IV 20000	75.2	76.1	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 18000	75.5	76.4	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
IV 16000	75.7	76.5	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
IV 14000	76.1	77.0	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 12000	77.7	78.7	78.9	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 10000	79.7	80.7	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
IV 9000	79.9	80.9	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 8000	80.6	81.7	81.9	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 7000	80.9	82.0	82.2	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 6000	81.5	82.7	83.0	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6
IV 5000	82.3	83.5	83.7	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
IV 4500	82.5	83.7	84.0	84.1	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
IV 4000	82.9	84.1	84.4	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0
IV 3500	83.4	84.6	84.9	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
IV 3000	83.7	85.1	85.4	85.5	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
IV 2500	84.6	86.2	86.5	86.6	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2
IV 2000	85.6	87.4	87.7	87.8	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
IV 1800	85.9	87.7	88.0	88.1	88.5	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
IV 1500	86.8	88.6	89.0	89.1	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1200	88.1	90.0	90.4	90.7	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
IV 1000	88.5	90.8	91.3	91.6	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
IV 900	89.0	91.6	92.1	92.5	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
IV 800	89.2	92.0	92.6	93.0	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
IV 700	89.6	92.8	93.6	94.1	94.8	94.8	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IV 600	89.8	93.2	94.2	94.7	95.4	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 500	90.1	94.0	95.1	95.8	96.7	96.8	97.2	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6
IV 400	90.3	94.3	95.5	96.2	97.2	97.3	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6
IV 300	90.5	94.5	95.7	96.4	97.4	97.5	98.3	98.6	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.1
IV 200	90.4	94.5	95.8	96.5	97.4	97.6	98.4	98.7	98.7	99.0	99.1	99.1	99.4	99.4	99.5	99.7
IV 100	90.4	94.5	95.8	96.5	97.4	97.6	98.4	98.7	98.7	99.1	99.1	99.2	99.5	99.6	99.7	99.9
IV 0	90.4	94.5	95.8	96.5	97.4	97.6	98.4	98.7	98.7	99.1	99.1	99.2	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2311

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2300B
STATION

CANNON AFB NEW MEXICO/CUDVIS
STATION NAME

43-46,52-72
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	71.3	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 20000	78.1	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 18000	78.1	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 16000	78.2	79.2	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 14000	78.9	80.0	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 12000	80.6	81.7	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 10000	82.5	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 9000	82.6	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1
IV 8000	83.2	84.3	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 7000	83.4	84.7	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 6000	84.1	85.4	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9
IV 5000	84.9	86.4	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 4500	85.2	86.7	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2
IV 4000	86.6	88.2	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 3500	87.3	88.9	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	88.1	89.7	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3
IV 2500	89.2	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7
IV 2000	90.4	92.2	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1800	90.6	92.4	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1
IV 1500	91.0	92.9	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6
IV 1200	91.8	93.9	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6
IV 1000	92.3	94.5	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	92.5	94.8	95.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 800	92.7	95.1	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 700	92.9	95.3	95.8	96.4	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 600	92.9	95.6	96.1	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3
IV 500	92.9	95.8	96.4	97.3	97.8	97.8	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5
IV 400	92.9	96.0	96.7	97.6	98.1	98.2	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	92.9	96.0	96.7	97.7	98.3	98.4	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	92.9	96.0	96.7	97.7	98.3	98.4	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0
IV 100	92.9	96.0	96.7	97.7	98.3	98.4	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0
IV 0	92.9	96.0	96.7	97.7	98.3	98.4	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2311

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.2	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 20000	80.1	80.6	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 18000	80.4	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4
IV 16000	80.6	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6
IV 14000	81.1	81.7	81.8	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 12000	82.7	83.4	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 10000	84.0	84.7	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
IV 9000	84.4	85.1	85.2	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 8000	85.1	86.0	86.2	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 7000	85.4	86.3	86.5	86.6	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 6000	86.1	87.1	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7
IV 5000	87.7	88.8	89.0	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5
IV 4500	87.7	88.8	89.0	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5
IV 4000	88.8	89.9	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3500	89.2	90.4	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3000	89.6	91.0	91.4	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9
IV 2500	90.3	91.8	92.2	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	90.9	92.5	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1800	91.2	92.9	93.3	93.5	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1500	91.8	93.5	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1200	92.3	94.4	94.9	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
IV 1000	92.7	94.9	95.4	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1
IV 900	93.0	95.3	95.9	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6
IV 800	93.0	95.4	96.0	96.3	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 700	93.0	95.5	96.2	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
IV 600	93.2	95.9	96.5	97.0	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 500	93.4	96.3	97.1	97.7	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	93.4	96.3	97.1	97.8	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV 300	93.4	96.3	97.2	97.9	98.3	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.3
IV 200	93.4	96.4	97.2	98.0	98.3	98.4	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.5
IV 100	93.4	96.4	97.2	98.0	98.4	98.4	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.7	99.7	99.7
IV 0	93.4	96.4	97.2	98.0	98.4	98.4	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2314

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

DCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.8	78.3	78.3	78.3	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 20000	83.3	83.8	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4
IV 18000	83.5	84.0	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 16000	83.5	84.1	84.1	84.1	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 14000	84.1	84.7	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 12000	85.0	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 10000	85.9	86.5	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2
IV 9000	86.1	86.7	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 8000	86.8	87.5	87.6	87.6	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 7000	87.3	87.9	88.1	88.1	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 6000	87.7	88.4	88.6	88.6	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1
IV 5000	88.5	89.3	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0
IV 4500	88.6	89.4	89.5	89.5	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 4000	88.7	89.5	89.8	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3
IV 3500	89.1	90.0	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8
IV 3000	89.7	90.8	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6
IV 2500	90.6	91.8	92.0	92.1	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6
IV 2000	91.0	92.3	92.5	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
IV 1800	91.3	92.7	93.0	93.0	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1500	92.1	93.7	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6
IV 1200	92.5	94.3	94.5	94.6	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2
IV 1000	92.6	94.5	94.7	94.9	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 900	92.7	94.6	94.9	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7
IV 800	92.7	94.9	95.3	95.5	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 700	93.0	95.3	95.7	96.0	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 600	93.1	95.4	95.9	96.2	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 500	93.2	95.9	96.5	96.8	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 400	93.3	96.1	96.8	97.1	97.8	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 300	93.3	96.2	97.1	97.5	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 200	93.3	96.2	97.1	97.5	98.3	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV 100	93.3	96.3	97.3	97.7	98.5	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.2
IV 0	93.3	96.3	97.3	97.7	98.5	98.5	98.7	98.9	98.9	99.2	99.3	99.3	99.3	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 2315

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	78.6	79.0	79.1	79.1	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 20000	81.9	82.3	82.5	82.5	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
IV 18000	81.9	82.4	82.5	82.5	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 16000	82.0	82.4	82.6	82.6	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
IV 14000	82.2	82.6	82.8	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
IV 12000	82.9	83.4	83.5	83.5	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 10000	83.8	84.3	84.5	84.5	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
IV 9000	84.2	84.7	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
IV 8000	85.3	85.8	85.9	86.0	86.4	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 7000	85.6	86.1	86.3	86.3	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
IV 6000	86.1	86.7	86.9	86.9	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
IV 5000	86.6	87.5	87.7	87.8	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
IV 4500	86.9	87.8	88.0	88.1	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
IV 4000	87.5	88.3	88.5	88.6	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
IV 3500	87.7	88.6	88.8	88.9	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
IV 3000	88.1	89.3	89.5	89.6	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
IV 2500	88.8	90.0	90.2	90.3	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000	89.3	90.6	90.8	90.8	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
IV 1800	89.5	90.8	91.1	91.2	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
IV 1500	90.4	91.7	92.1	92.2	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1200	90.8	92.2	92.5	92.7	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1000	91.0	92.6	93.0	93.2	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
IV 900	91.2	92.9	93.4	93.7	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
IV 800	91.5	93.4	93.9	94.1	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
IV 700	91.8	93.8	94.3	94.5	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
IV 600	91.9	94.1	94.7	95.0	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
IV 500	92.3	94.9	95.6	96.0	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
IV 400	92.4	95.1	96.0	96.4	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.7	97.7
IV 300	92.4	95.1	96.0	96.5	97.4	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3
IV 200	92.4	95.1	96.1	96.6	97.5	97.6	97.9	98.3	98.4	98.4	98.6	98.6	98.7	98.8	98.9	98.9
IV 100	92.4	95.2	96.1	96.6	97.7	97.8	98.1	98.5	98.6	98.8	99.1	99.1	99.3	99.4	99.5	99.7
IV 0	92.4	95.2	96.1	96.6	97.7	97.8	98.1	98.5	98.6	98.8	99.1	99.1	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2320

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
EATS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.9	75.8	75.9	76.1	76.4	76.4	76.7	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	77.1
≥ 20000	78.6	79.5	79.6	79.7	80.1	80.1	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.7
IV 18000	78.6	79.6	79.7	79.8	80.1	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.8
IV 16000	78.7	79.7	79.7	79.9	80.2	80.2	80.5	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.9
IV 14000	79.1	80.1	80.2	80.4	80.7	80.7	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3
IV 12000	80.2	81.2	81.3	81.4	81.7	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.4
IV 10000	82.0	83.0	83.1	83.2	83.6	83.6	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.2
IV 9000	82.1	83.0	83.1	83.3	83.6	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.3
IV 8000	82.5	83.5	83.6	83.7	84.1	84.1	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.7
IV 7000	83.1	84.1	84.2	84.2	84.6	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.2	85.3
IV 6000	83.5	84.5	84.6	84.7	85.0	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.7
IV 5000	84.3	85.4	85.5	85.7	86.0	86.0	86.3	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.7
IV 4500	84.7	85.8	86.0	86.1	86.4	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	87.0	87.1
IV 4000	85.4	86.9	87.0	87.2	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.2
IV 3500	85.6	87.1	87.2	87.4	87.7	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.4
IV 3000	86.1	87.6	87.8	87.9	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.9
IV 2500	86.7	88.3	88.6	88.7	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.6	89.7
IV 2000	87.2	88.9	89.3	89.4	89.8	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.5
IV 1800	87.4	89.2	89.5	89.7	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.8
IV 1500	88.0	90.1	90.4	90.6	91.0	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.7
IV 1200	88.6	90.9	91.2	91.4	91.8	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.5
IV 1000	89.0	91.6	91.9	92.2	92.6	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.3
IV 900	89.5	92.0	92.4	92.7	93.0	93.0	93.4	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.8
IV 800	89.9	92.5	92.9	93.1	93.5	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.3
IV 700	90.2	92.9	93.3	93.5	93.9	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.7
IV 600	90.3	93.1	93.5	93.8	94.2	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	95.0
IV 500	90.5	93.5	94.0	94.3	94.8	94.8	95.1	95.2	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.7
IV 400	90.5	93.6	94.2	94.5	95.2	95.2	95.7	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.2	96.4
IV 300	90.6	93.8	94.4	94.9	95.6	95.7	96.3	96.4	96.4	96.6	96.7	96.7	97.0	97.0	97.2	97.3
IV 200	90.6	93.8	94.4	94.9	95.8	95.9	96.6	96.7	96.7	97.1	97.3	97.3	97.6	97.6	97.9	98.0
IV 100	90.6	93.8	94.4	94.9	95.8	95.9	96.7	96.8	96.8	97.6	97.9	98.0	98.6	98.7	99.1	99.4
IV 0	90.6	93.8	94.4	94.9	95.8	95.9	96.7	96.8	96.8	97.6	97.9	98.0	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2123

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS

43-46,52-71
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.0	75.1	75.3	75.4	75.8	75.8	75.9	76.0	76.0	76.2	76.2	76.2	76.3	76.3	76.4	76.5
IV 20000	76.8	78.0	78.2	78.3	78.7	78.7	78.8	78.9	78.9	79.1	79.1	79.1	79.2	79.2	79.3	79.4
IV 18000	76.8	78.0	78.2	78.4	78.7	78.8	78.9	78.9	78.9	79.1	79.2	79.2	79.3	79.3	79.4	79.5
IV 16000	76.9	78.1	78.3	78.4	78.8	78.8	78.9	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.4	79.5
IV 14000	77.3	78.5	78.7	78.8	79.2	79.2	79.4	79.4	79.4	79.6	79.7	79.7	79.8	79.8	79.8	80.0
IV 12000	78.3	79.5	79.7	79.8	80.2	80.3	80.4	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.9	81.0
IV 10000	79.7	80.9	81.1	81.2	81.6	81.7	81.8	81.8	81.8	82.0	82.1	82.1	82.2	82.2	82.3	82.4
IV 9000	79.8	81.0	81.2	81.3	81.7	81.8	81.9	81.9	81.9	82.1	82.2	82.2	82.3	82.3	82.4	82.5
IV 8000	80.2	81.5	81.7	81.8	82.2	82.2	82.4	82.4	82.4	82.6	82.7	82.7	82.8	82.8	82.8	83.0
IV 7000	80.6	81.8	82.0	82.2	82.6	82.6	82.8	82.8	82.8	83.0	83.0	83.0	83.1	83.1	83.2	83.4
IV 6000	80.9	82.2	82.4	82.5	82.9	82.9	83.1	83.1	83.1	83.3	83.4	83.4	83.5	83.5	83.6	83.7
IV 5000	81.7	83.0	83.2	83.3	83.7	83.8	83.9	83.9	83.9	84.1	84.2	84.2	84.3	84.3	84.4	84.5
IV 4500	81.8	83.2	83.4	83.5	83.9	83.9	84.1	84.1	84.1	84.3	84.4	84.4	84.5	84.5	84.6	84.7
IV 4000	82.7	84.2	84.4	84.5	84.9	84.9	85.1	85.1	85.1	85.3	85.4	85.4	85.5	85.5	85.6	85.7
IV 3500	83.1	84.6	84.8	84.9	85.3	85.3	85.5	85.5	85.5	85.7	85.8	85.8	85.9	85.9	85.9	86.1
IV 3000	83.5	85.1	85.3	85.4	85.8	85.9	86.0	86.0	86.0	86.2	86.3	86.3	86.4	86.4	86.5	86.6
IV 2500	84.1	85.8	86.0	86.1	86.5	86.6	86.7	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.2	87.3
IV 2000	84.6	86.2	86.5	86.6	87.0	87.0	87.2	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.7	87.8
IV 1800	84.7	86.5	86.7	86.9	87.2	87.3	87.4	87.5	87.5	87.7	87.7	87.7	87.8	87.8	87.9	88.0
IV 1500	85.7	87.7	87.9	88.1	88.5	88.5	88.7	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.1	89.3
IV 1200	86.6	88.7	88.9	89.1	89.5	89.5	89.7	89.7	89.7	89.9	90.0	90.0	90.1	90.1	90.2	90.3
IV 1000	87.0	89.3	89.6	89.8	90.1	90.2	90.3	90.4	90.4	90.6	90.7	90.7	90.8	90.8	90.9	91.0
IV 900	87.5	89.9	90.2	90.5	90.9	90.9	91.0	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.6	91.7
IV 800	87.9	90.5	90.8	91.1	91.5	91.6	91.7	91.8	91.8	92.0	92.0	92.0	92.1	92.1	92.2	92.4
IV 700	88.1	90.9	91.3	91.6	92.0	92.1	92.2	92.3	92.3	92.5	92.6	92.6	92.7	92.7	92.8	92.9
IV 600	88.4	91.5	91.9	92.4	92.8	92.9	93.0	93.0	93.0	93.3	93.3	93.3	93.4	93.4	93.6	93.7
IV 500	88.7	91.9	92.4	92.9	93.4	93.4	93.6	93.6	93.6	93.9	93.9	93.9	94.0	94.0	94.1	94.3
IV 400	88.7	92.3	92.9	93.6	94.0	94.2	94.5	94.6	94.6	94.9	94.9	94.9	95.1	95.1	95.2	95.4
IV 300	88.7	92.5	93.3	93.9	94.5	94.7	95.0	95.2	95.2	95.5	95.6	95.6	95.9	95.9	96.1	96.2
IV 200	88.8	92.6	93.3	94.0	94.6	94.8	95.2	95.5	95.5	95.6	96.1	96.2	96.6	96.7	96.8	97.5
IV 100	88.8	92.6	93.4	94.0	94.7	94.9	95.4	95.8	95.9	96.8	96.9	97.0	97.6	97.8	98.3	98.8
IV 0	88.8	92.6	93.4	94.0	94.7	94.9	95.4	95.8	95.9	96.8	96.9	97.0	97.8	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2099

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS/ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.3	66.9	67.1	67.5	68.2	68.3	68.6	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.1	69.2
≥ 20000	70.5	72.2	72.4	72.8	73.6	73.7	74.0	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.5	74.7
IV 18000	70.6	72.3	72.5	72.9	73.7	73.8	74.1	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.6	74.8
IV 16000	70.7	72.4	72.6	73.0	73.8	73.9	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.8	74.9
IV 14000	72.1	73.8	74.0	74.5	75.2	75.3	75.7	75.7	75.7	76.0	76.1	76.1	76.1	76.1	76.2	76.3
IV 12000	73.3	75.5	75.7	76.1	76.9	77.0	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.9	78.0
IV 10000	75.7	77.5	77.7	78.1	78.9	79.0	79.3	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.9	80.1
IV 9000	75.7	77.5	77.7	78.1	78.9	79.0	79.3	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.9	80.1
IV 8000	76.6	78.4	78.6	79.0	79.8	79.9	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.8	81.0
IV 7000	77.1	78.9	79.2	79.6	80.4	80.5	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.4	81.6
IV 6000	77.7	79.6	79.9	80.3	81.1	81.2	81.5	81.6	81.6	81.9	81.9	81.9	81.9	81.9	82.1	82.3
IV 5000	78.4	80.4	80.7	81.1	81.9	82.0	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.9	83.2
IV 4500	78.9	81.0	81.2	81.6	82.4	82.5	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.4	83.7
IV 4000	79.7	81.7	82.0	82.4	83.2	83.3	83.7	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.2	84.4
IV 3500	80.1	82.1	82.4	82.8	83.6	83.7	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.6	84.8
IV 3000	80.6	82.7	83.0	83.5	84.3	84.4	84.8	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.3	85.6
IV 2500	81.0	83.2	83.5	84.0	84.8	85.0	85.3	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.9	86.1
IV 2000	81.7	84.1	84.4	85.0	85.8	85.9	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.9	87.1
IV 1800	82.0	84.4	84.8	85.3	86.2	86.3	86.7	86.8	86.8	87.0	87.1	87.1	87.1	87.1	87.2	87.5
IV 1500	82.3	85.1	85.5	86.1	86.9	87.0	87.5	87.5	87.5	87.8	87.9	87.9	87.9	87.9	88.0	88.3
IV 1200	82.9	85.9	86.5	87.1	87.9	88.0	88.6	88.6	88.6	88.9	89.0	89.0	89.0	89.0	89.1	89.4
IV 1000	83.5	86.7	87.4	88.0	88.9	89.0	89.6	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.1	90.4
IV 900	83.7	87.0	87.7	88.3	89.2	89.3	89.9	89.9	90.0	90.2	90.3	90.3	90.3	90.3	90.4	90.7
IV 800	83.8	87.5	88.2	88.9	89.7	89.9	90.5	90.5	90.6	90.8	90.9	90.9	90.9	90.9	91.0	91.3
IV 700	84.3	88.1	88.9	89.6	90.5	90.7	91.3	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.8	92.1
IV 600	84.6	88.6	89.4	90.1	91.2	91.3	91.9	91.9	92.0	92.4	92.4	92.4	92.4	92.4	92.6	92.9
IV 500	84.9	89.1	90.1	91.0	92.2	92.3	92.9	93.0	93.1	93.5	93.6	93.6	93.7	93.7	93.9	94.1
IV 400	85.0	89.4	90.5	91.5	92.9	93.1	93.8	94.0	94.2	94.6	94.7	94.7	94.9	94.9	95.1	95.4
IV 300	85.0	89.4	90.8	91.8	93.3	93.6	94.3	94.9	95.1	95.8	95.9	95.9	96.2	96.2	96.3	96.7
IV 200	85.0	89.4	90.8	92.0	93.5	93.8	94.7	95.4	95.7	96.7	97.0	97.0	97.6	97.7	98.0	98.7
IV 100	85.0	89.4	90.8	92.0	93.5	93.8	94.7	95.5	95.8	96.9	97.2	97.2	97.9	98.1	98.6	99.5
IV 0	85.0	89.4	90.8	92.0	93.5	93.8	94.7	95.5	95.8	96.9	97.2	97.2	98.0	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2184

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.7	68.0	68.2	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 20000	74.1	75.6	75.8	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 18000	74.3	75.7	75.9	76.4	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
IV 16000	74.7	76.1	76.3	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
IV 14000	76.0	77.5	77.7	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
IV 12000	77.9	79.4	79.6	80.1	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
IV 10000	79.4	81.1	81.2	81.7	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
IV 9000	79.5	81.1	81.3	81.8	82.1	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
IV 8000	80.1	81.7	81.9	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
IV 7000	80.6	82.2	82.3	82.8	83.1	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
IV 6000	81.2	82.8	83.0	83.5	83.8	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
IV 5000	81.7	83.3	83.5	84.0	84.4	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
IV 4500	82.3	84.1	84.3	84.8	85.1	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
IV 4000	83.0	84.8	85.0	85.5	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
IV 3500	83.3	85.2	85.4	85.9	86.2	86.3	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5
IV 3000	83.8	85.6	85.8	86.4	86.7	86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
IV 2500	84.4	86.4	86.6	87.2	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2000	84.8	86.9	87.1	87.7	88.1	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
IV 1800	85.2	87.3	87.6	88.2	88.5	88.6	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
IV 1500	86.1	88.5	88.8	89.4	89.7	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 1200	85.5	89.3	89.5	90.2	90.6	90.7	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 1000	87.0	90.0	90.3	91.2	91.6	91.7	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
IV 900	87.1	90.3	90.6	91.6	92.0	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
IV 800	87.4	90.8	91.2	92.2	92.7	92.8	93.0	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2
IV 700	87.8	91.4	91.9	92.8	93.4	93.6	93.7	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0
IV 600	88.3	92.1	92.7	93.8	94.5	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.4
IV 500	88.4	92.8	93.6	94.9	95.7	96.0	96.3	96.4	96.5	96.6	96.7	96.7	96.8	96.8	96.8	97.0
IV 400	88.5	93.2	94.2	95.6	96.5	96.8	97.2	97.4	97.6	97.7	97.7	97.7	97.9	97.9	97.9	98.1
IV 300	88.5	93.2	94.2	95.6	96.6	96.9	97.3	97.5	97.6	97.8	98.0	98.0	98.3	98.3	98.4	98.7
IV 200	88.5	93.2	94.2	95.6	96.6	97.0	97.4	97.6	97.8	98.1	98.3	98.3	98.8	98.8	98.8	99.2
IV 100	88.5	93.2	94.2	95.6	96.6	97.0	97.4	97.6	97.8	98.2	98.4	98.5	99.0	99.0	99.2	99.7
IV 0	88.5	93.2	94.2	95.6	96.6	97.0	97.4	97.6	97.8	98.2	98.4	98.5	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2180

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS/SET

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.6	70.7	71.1	71.2	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000	78.8	79.9	80.3	80.5	80.7	80.7	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
IV 18000	78.9	80.0	80.4	80.6	80.8	80.8	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
IV 16000	79.3	80.5	80.9	81.0	81.2	81.2	81.5	81.5	81.5	81.5	81.6	81.6	81.7	81.7	81.7	81.7
IV 14000	80.7	81.0	82.2	82.3	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
IV 12000	81.9	83.0	83.4	83.6	83.8	83.8	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
IV 10000	83.1	84.4	84.8	84.9	85.1	85.1	85.4	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6
IV 9000	83.2	84.5	84.9	85.0	85.2	85.2	85.5	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7
IV 8000	83.6	84.9	85.3	85.5	85.7	85.7	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2
IV 7000	83.8	85.1	85.5	85.6	85.9	85.9	86.2	86.2	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4
IV 6000	84.3	85.6	86.0	86.2	86.4	86.4	86.7	86.7	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9
IV 5000	84.9	86.2	86.7	86.9	87.1	87.1	87.4	87.4	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7
IV 4500	85.1	86.5	86.9	87.1	87.3	87.3	87.7	87.7	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9
IV 4000	86.2	87.5	88.0	88.2	88.4	88.4	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
IV 3500	86.4	87.8	88.3	88.6	88.8	88.8	89.1	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4
IV 3000	86.9	88.5	89.1	89.4	89.6	89.6	90.0	90.0	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2
IV 2500	87.7	89.3	89.9	90.2	90.4	90.4	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0
IV 2000	89.0	90.7	91.3	91.6	91.8	91.8	92.2	92.2	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.5
IV 1800	89.1	90.9	91.5	91.8	92.1	92.1	92.4	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7
IV 1500	90.0	91.9	92.5	92.9	93.2	93.2	93.6	93.6	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9
IV 1200	90.3	92.3	93.1	93.6	93.9	93.9	94.3	94.3	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6
IV 1000	90.7	92.9	93.6	94.3	94.6	94.6	95.0	95.1	95.1	95.2	95.4	95.4	95.5	95.5	95.5	95.5
IV 900	91.0	93.2	93.9	94.5	95.0	95.0	95.4	95.4	95.5	95.5	95.7	95.7	95.8	95.8	95.8	95.8
IV 800	91.2	93.5	94.3	95.0	95.5	95.5	95.9	95.9	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4
IV 700	91.4	93.8	94.6	95.3	95.7	95.7	96.2	96.3	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.8
IV 600	91.7	94.2	95.1	95.9	96.3	96.3	96.9	97.0	97.1	97.4	97.5	97.5	97.6	97.6	97.7	97.7
IV 500	91.7	94.5	95.3	96.1	96.7	96.8	97.5	97.5	97.6	98.0	98.1	98.1	98.2	98.2	98.3	98.3
IV 400	91.7	94.5	95.4	96.3	97.0	97.1	97.8	97.9	98.0	98.5	98.6	98.6	98.8	98.8	98.9	98.9
IV 300	91.8	94.6	95.6	96.5	97.2	97.3	98.2	98.3	98.4	98.9	99.0	99.1	99.2	99.2	99.4	99.4
IV 200	91.8	94.7	95.6	96.6	97.3	97.4	98.2	98.3	98.4	99.1	99.3	99.3	99.4	99.4	99.6	99.6
IV 100	91.8	94.7	95.6	96.6	97.3	97.4	98.2	98.3	98.4	99.1	99.3	99.4	99.5	99.5	99.7	99.9
IV 0	91.8	94.7	95.6	96.6	97.3	97.4	98.2	98.3	98.4	99.1	99.3	99.4	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2181

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.1	70.9	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8
IV 20000	79.6	80.4	80.5	80.8	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3
IV 16000	79.7	80.5	80.6	80.9	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4
IV 14000	79.8	80.6	80.7	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
IV 12000	81.6	82.4	82.5	82.8	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3
IV 10000	83.5	84.3	84.4	84.7	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
IV 9000	85.4	86.3	86.5	86.8	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3
IV 8000	85.5	86.5	86.6	87.0	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
IV 7000	86.0	87.0	87.1	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
IV 6000	86.5	87.5	87.6	87.9	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
IV 5000	87.1	88.2	88.3	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
IV 4500	87.9	89.0	89.2	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0
IV 4000	88.2	89.3	89.5	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
IV 3500	89.2	90.4	90.5	90.9	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4
IV 3000	89.5	90.7	90.9	91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
IV 2500	90.1	91.4	91.6	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
IV 2000	90.8	92.3	92.5	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
IV 1800	91.4	93.3	93.5	93.8	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
IV 1500	91.6	93.5	93.8	94.1	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6
IV 1200	92.1	94.1	94.4	94.7	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
IV 1000	92.7	94.9	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 900	92.9	95.4	95.7	96.0	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7
IV 800	93.1	95.5	95.8	96.2	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.1	97.1
IV 700	93.2	95.7	96.0	96.4	96.6	96.6	96.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.5	97.5
IV 600	93.3	95.9	96.2	96.6	96.9	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.5	97.5	97.7	97.7
IV 500	93.5	96.1	96.4	96.8	97.1	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.9	97.9	98.2	98.2
IV 400	93.6	96.4	96.8	97.3	97.6	97.6	97.7	97.7	97.7	98.0	98.0	98.3	98.5	98.5	98.8	98.8
IV 300	93.6	96.5	97.0	97.6	97.9	97.9	98.0	98.3	98.3	98.6	98.6	98.9	98.9	99.2	99.2	99.2
IV 200	93.7	96.6	97.2	97.8	98.2	98.2	98.5	98.5	98.5	98.9	98.9	99.1	99.1	99.5	99.5	99.5
IV 100	93.7	96.6	97.2	97.8	98.2	98.2	98.5	98.5	98.5	99.0	99.0	99.3	99.3	99.6	99.7	99.7
IV 0	93.7	96.6	97.2	97.8	98.2	98.2	98.5	98.5	98.5	99.0	99.0	99.3	99.3	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2178

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	76.2	76.8	76.8	76.9	77.3	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 20000	81.9	82.5	82.6	82.7	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 18000	82.0	82.6	82.7	82.8	83.2	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 16000	82.2	82.8	82.9	83.0	83.4	83.4	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 14000	82.9	83.5	83.7	83.7	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 12000	84.9	85.5	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 10000	85.9	86.6	86.7	86.8	87.2	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 9000	86.0	86.7	86.8	86.9	87.3	87.3	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 8000	86.7	87.3	87.5	87.5	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 7000	87.0	87.7	87.8	87.9	88.3	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 6000	87.6	88.2	88.4	88.4	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 5000	88.5	89.2	89.3	89.3	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 4500	88.8	89.5	89.6	89.7	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 4000	89.4	90.3	90.5	90.5	91.1	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500	89.7	90.7	90.8	90.8	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	90.4	91.7	91.9	91.9	92.5	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	90.9	92.6	92.8	92.9	93.5	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2000	91.7	93.6	93.8	93.9	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1800	91.9	93.7	93.9	94.0	94.6	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1500	92.2	94.3	94.5	94.6	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1200	93.1	95.2	95.4	95.5	96.1	96.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1000	93.5	95.7	95.9	96.0	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 900	93.6	95.8	96.0	96.1	96.8	96.8	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 800	93.6	95.8	96.0	96.2	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
IV 700	93.6	96.0	96.2	96.4	97.0	97.0	97.2	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
IV 600	93.9	96.2	96.5	96.7	97.3	97.3	97.5	97.6	97.6	97.8	97.9	97.9	98.1	98.1	98.1	98.1
IV 500	93.9	96.2	96.5	96.9	97.5	97.5	97.8	97.8	97.8	98.1	98.1	98.1	98.3	98.3	98.3	98.3
IV 400	94.0	96.5	96.9	97.3	98.0	98.0	98.3	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9
IV 300	94.1	96.6	97.1	97.5	98.3	98.3	98.6	98.7	98.7	99.0	99.1	99.1	99.4	99.4	99.4	99.4
IV 200	94.1	96.6	97.1	97.5	98.3	98.3	98.6	98.7	98.7	99.2	99.2	99.2	99.5	99.5	99.6	99.6
IV 100	94.1	96.6	97.1	97.5	98.3	98.3	98.6	98.7	98.8	99.2	99.3	99.3	99.6	99.6	99.7	99.7
IV 0	94.1	96.6	97.1	97.5	98.3	98.3	98.6	98.7	98.8	99.2	99.3	99.3	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2185

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	76.9	77.7	77.8	77.9	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.7
≥ 20000	81.1	81.9	82.0	82.1	82.4	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.9
IV 18000	81.1	81.9	82.0	82.1	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.9
IV 16000	81.2	82.1	82.2	82.3	82.6	82.6	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	83.1
IV 14000	81.8	82.7	82.8	82.9	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.7
IV 12000	83.0	83.7	84.0	84.1	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.9
IV 10000	84.4	85.3	85.4	85.5	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.3
IV 9000	84.4	85.3	85.4	85.5	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.3
IV 8000	85.1	86.1	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	87.1
IV 7000	85.6	86.6	86.7	86.8	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.6
IV 6000	85.9	86.9	87.0	87.1	87.4	87.4	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.9
IV 5600	86.6	87.6	87.7	87.8	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.7
IV 4500	87.1	88.0	88.2	88.3	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.1
IV 4000	87.5	88.5	88.7	88.8	89.2	89.2	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.7
IV 3500	87.9	89.0	89.1	89.2	89.6	89.6	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	90.1
IV 3000	88.4	89.7	89.8	89.9	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.8
IV 2500	88.9	90.6	90.7	90.8	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.7
IV 2000	89.5	91.3	91.5	91.6	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.6
IV 1800	89.8	91.7	91.8	92.0	92.4	92.4	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.8	92.9
IV 1500	90.4	92.3	92.5	92.7	93.1	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.6
IV 1200	90.7	92.8	93.2	93.4	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.2	94.4
IV 1000	91.3	93.6	93.9	94.1	94.6	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	95.1
IV 900	91.4	93.7	94.0	94.2	94.7	94.7	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.2
IV 800	91.7	93.9	94.3	94.5	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.6
IV 700	91.7	94.3	94.6	94.8	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.9
IV 600	91.9	94.5	94.9	95.0	95.6	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.1
IV 500	92.3	95.2	95.7	95.9	96.5	96.5	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.1	97.2
IV 400	92.3	95.3	95.8	96.1	96.7	96.8	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.5	97.8
IV 300	92.4	95.4	96.1	96.6	97.3	97.4	97.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.5	98.8
IV 200	92.4	95.4	96.1	96.6	97.3	97.4	97.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.8	99.1
IV 100	92.4	95.4	96.1	96.6	97.3	97.4	97.8	97.8	97.8	98.6	98.6	98.6	98.6	99.1	99.3	99.7
IV 0	92.4	95.4	96.1	96.6	97.3	97.4	97.8	97.8	97.8	98.6	98.6	98.6	98.6	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2181

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45,51-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.0	74.3	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 20000	77.8	79.1	79.4	79.4	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 18000	77.9	79.2	79.5	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 16000	78.1	79.5	79.8	79.8	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 14000	78.9	80.3	80.6	80.6	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 12000	80.0	81.4	81.7	81.7	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 10000	81.2	82.6	82.9	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5
IV 9000	81.6	83.1	83.4	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 8000	82.2	83.9	84.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
IV 7000	82.6	84.3	84.5	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1
IV 6000	82.7	84.4	84.7	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 5000	83.5	85.3	85.6	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 4500	84.0	85.9	86.2	86.2	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 4000	84.4	86.5	86.7	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
IV 3500	84.7	86.7	87.0	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6
IV 3000	84.9	87.1	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
IV 2500	85.2	87.5	87.8	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5
IV 2000	85.7	88.1	88.4	88.5	89.1	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1800	86.0	88.4	88.7	88.8	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1500	86.3	88.8	89.1	89.2	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1200	86.9	89.5	89.8	90.0	90.6	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
IV 1000	87.6	90.4	90.7	91.0	91.7	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2
IV 900	87.7	90.5	90.8	91.1	91.8	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.5
IV 800	88.0	90.9	91.2	91.5	92.2	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	93.0
IV 700	88.2	91.2	91.5	91.9	92.6	92.6	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.5	93.5	93.5
IV 600	88.3	91.3	91.8	92.2	92.8	92.9	93.3	93.5	93.5	93.6	93.7	93.7	93.9	93.9	93.9	94.0
IV 500	88.6	92.0	92.5	92.9	93.6	93.6	94.2	94.3	94.3	94.5	94.6	94.6	94.8	94.8	94.9	94.9
IV 400	88.7	92.3	92.9	93.4	94.1	94.2	94.8	95.0	95.0	95.2	95.3	95.3	95.5	95.6	95.7	95.7
IV 300	88.7	92.5	93.3	93.8	94.7	94.8	95.5	95.7	95.7	96.0	96.1	96.1	96.4	96.5	96.7	96.8
IV 200	88.8	92.6	93.4	93.9	94.9	95.1	95.9	96.3	96.3	96.7	97.0	97.0	97.5	97.6	98.1	98.3
IV 100	88.8	92.6	93.4	93.9	94.9	95.1	95.9	96.3	96.3	96.7	97.2	97.3	97.3	98.2	98.3	99.1
IV 0	88.8	92.6	93.4	93.9	94.9	95.1	95.9	96.3	96.3	96.7	97.2	97.3	98.2	98.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2230

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45,51-71
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	72.8	74.0	74.1	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 20000	77.3	78.5	78.7	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4
IV 18000	77.3	78.6	78.7	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
IV 16000	77.3	78.6	78.8	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6
IV 14000	77.5	79.0	79.1	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0
IV 12000	78.7	80.2	80.4	80.5	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2
IV 10000	79.7	81.2	81.4	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2
IV 9000	80.2	81.7	81.9	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
IV 8000	80.6	82.2	82.5	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3
IV 7000	81.2	82.8	83.0	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
IV 6000	81.8	83.5	83.7	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 5000	82.4	84.1	84.4	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
IV 4500	82.6	84.4	84.6	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5
IV 4000	83.0	84.8	85.1	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
IV 3500	83.1	85.0	85.3	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1
IV 3000	83.4	85.4	85.6	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5
IV 2500	84.0	86.0	86.2	86.5	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2
IV 2000	84.5	86.6	87.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1
IV 1800	84.8	86.9	87.2	87.5	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4
IV 1500	85.0	87.2	87.5	87.8	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8
IV 1200	85.5	87.7	88.0	88.4	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.3	89.4	89.4	89.4	89.4
IV 1000	85.9	88.2	88.6	89.1	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.1	90.2	90.2	90.2	90.2
IV 900	86.1	88.5	89.0	89.5	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.5	90.6	90.6	90.6	90.6
IV 800	86.4	89.1	89.6	90.2	90.9	90.9	91.0	91.0	91.0	91.1	91.2	91.3	91.5	91.5	91.5	91.5
IV 700	86.5	89.5	90.0	90.8	91.6	91.7	91.8	91.8	91.8	91.9	92.0	92.1	92.3	92.3	92.3	92.3
IV 600	86.6	90.0	90.5	91.4	92.4	92.4	92.5	92.5	92.5	92.7	92.7	92.9	93.1	93.1	93.1	93.1
IV 500	86.9	90.9	91.6	92.5	93.5	93.6	93.7	93.8	93.8	94.0	94.1	94.2	94.6	94.7	94.7	94.7
IV 400	87.0	91.2	91.9	92.8	94.0	94.1	94.2	94.4	94.4	94.6	94.7	94.9	95.2	95.3	95.4	95.4
IV 300	87.0	91.5	92.2	93.3	94.7	94.8	95.0	95.3	95.3	95.6	95.8	96.0	96.3	96.3	96.3	96.3
IV 200	87.0	91.5	92.4	93.5	95.0	95.1	95.4	95.6	95.6	96.3	96.9	97.0	97.6	97.9	98.0	98.1
IV 100	87.0	91.5	92.4	93.5	95.0	95.1	95.4	95.7	95.7	96.7	97.3	97.5	98.3	98.7	99.1	99.6
IV 0	87.0	91.5	92.4	93.5	95.0	95.1	95.4	95.7	95.7	96.7	97.3	97.5	98.4	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2200

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45,51-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.5	65.8	66.3	66.5	67.2	67.2	67.7	67.7	67.7	68.0	68.0	68.0	68.2	68.2	68.3	68.3
≥ 20000	70.9	72.7	73.2	73.5	74.3	74.2	74.7	74.8	74.8	75.1	75.1	75.1	75.3	75.4	75.5	75.5
IV 18000	71.1	72.9	73.4	73.7	74.5	74.5	75.0	75.0	75.0	75.4	75.4	75.4	75.6	75.7	75.7	75.7
IV 16000	71.3	73.2	73.7	74.0	74.8	74.8	75.3	75.3	75.3	75.7	75.7	75.7	75.9	76.0	76.0	76.0
IV 14000	72.5	74.4	74.9	75.3	76.1	76.1	76.5	76.6	76.6	76.9	76.9	76.9	77.1	77.2	77.3	77.3
IV 12000	73.9	76.1	76.7	77.0	77.8	77.8	78.3	78.3	78.3	78.6	78.6	78.6	78.9	78.9	79.0	79.0
IV 10000	75.3	77.7	78.3	78.6	79.5	79.5	79.9	80.0	80.0	80.3	80.3	80.3	80.5	80.6	80.7	80.7
IV 9000	75.4	77.9	78.4	78.8	79.7	79.7	80.1	80.2	80.2	80.5	80.5	80.5	80.7	80.8	80.9	80.9
IV 8000	76.3	78.8	79.3	79.7	80.6	80.6	81.0	81.1	81.1	81.4	81.4	81.4	81.6	81.7	81.8	81.8
IV 7000	76.9	79.5	80.0	80.5	81.4	81.4	81.8	81.8	81.8	82.2	82.2	82.2	82.4	82.5	82.6	82.6
IV 6000	77.8	80.6	81.2	81.6	82.5	82.5	82.9	83.0	83.0	83.3	83.3	83.3	83.5	83.6	83.7	83.7
IV 5000	78.4	81.4	81.9	82.4	83.3	83.3	83.7	83.7	83.7	84.1	84.1	84.1	84.3	84.4	84.5	84.5
IV 4500	78.7	81.7	82.2	82.7	83.6	83.6	84.0	84.1	84.1	84.4	84.4	84.4	84.7	84.7	84.8	84.8
IV 4000	78.9	81.9	82.4	82.9	83.8	83.8	84.3	84.3	84.3	84.7	84.7	84.7	84.9	85.0	85.0	85.0
IV 3500	79.3	82.4	82.9	83.4	84.3	84.3	84.7	84.7	84.7	85.1	85.1	85.1	85.3	85.4	85.5	85.5
IV 3000	79.8	83.0	83.5	84.0	85.0	85.0	85.4	85.4	85.4	85.8	85.8	85.8	86.0	86.1	86.2	86.2
IV 2500	80.1	83.3	83.8	84.3	85.3	85.3	85.7	85.8	85.8	86.1	86.1	86.1	86.3	86.4	86.5	86.5
IV 2000	80.8	84.2	84.8	85.3	86.3	86.3	86.9	86.9	86.9	87.3	87.3	87.3	87.6	87.7	87.8	87.8
IV 1800	81.0	84.3	85.0	85.5	86.5	86.5	87.1	87.1	87.1	87.5	87.5	87.5	87.9	88.0	88.1	88.1
IV 1500	81.1	84.6	85.3	85.9	86.9	86.9	87.6	87.7	87.7	88.2	88.2	88.2	88.5	88.6	88.7	88.7
IV 1200	81.7	85.3	86.0	86.6	87.6	87.6	88.3	88.4	88.4	88.9	88.9	88.9	89.3	89.4	89.5	89.5
IV 1000	82.0	85.7	86.4	87.0	88.1	88.1	88.8	88.9	88.9	89.5	89.5	89.5	90.0	90.1	90.2	90.2
IV 900	82.4	86.4	87.1	87.8	88.9	89.0	89.7	89.8	89.8	90.4	90.4	90.4	90.9	91.0	91.1	91.1
IV 800	82.7	86.9	87.6	88.3	89.4	89.5	90.3	90.4	90.4	91.0	91.1	91.1	91.6	91.7	91.8	91.8
IV 700	82.9	87.4	88.1	88.8	90.0	90.1	90.9	91.0	91.0	91.6	91.7	91.7	92.2	92.3	92.3	92.3
IV 600	83.1	87.7	88.5	89.2	90.4	90.6	91.4	91.4	91.4	92.1	92.2	92.2	92.8	92.9	93.0	93.0
IV 500	83.4	88.4	89.2	90.0	91.3	91.5	92.3	92.5	92.5	93.3	93.4	93.4	94.0	94.1	94.3	94.3
IV 400	83.4	88.5	89.4	90.3	91.7	91.9	92.8	93.0	93.1	93.9	94.0	94.1	94.7	94.9	95.1	95.1
IV 300	83.4	88.8	89.8	90.8	92.3	92.6	93.5	93.7	93.9	94.8	95.2	95.2	95.9	96.0	96.4	96.5
IV 200	83.4	88.8	89.8	90.9	92.3	92.7	93.6	93.9	94.2	95.3	95.8	95.8	96.7	96.8	97.4	97.7
IV 100	83.4	88.8	89.8	90.9	92.3	92.7	93.7	94.0	94.2	95.5	96.0	96.1	97.7	97.9	98.8	99.4
IV 0	83.4	88.8	89.8	90.9	92.3	92.7	93.7	94.0	94.2	95.5	96.0	96.1	97.7	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2513

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.1	64.0	64.9	65.5	65.7	65.8	66.1	66.2	66.2	66.4	66.5	66.5	66.5	66.5	66.6	66.6
IV 20000	73.2	74.3	75.2	75.9	76.2	76.3	76.6	76.7	76.7	76.9	77.0	77.0	77.1	77.1	77.2	77.2
IV 18000	73.5	74.6	75.6	76.3	76.6	76.6	77.0	77.1	77.1	77.3	77.3	77.3	77.5	77.5	77.6	77.6
IV 16000	73.8	75.1	76.1	76.8	77.1	77.1	77.5	77.6	77.6	77.8	77.8	77.8	78.0	78.0	78.1	78.1
IV 14000	75.1	76.4	77.4	78.1	78.4	78.4	78.8	78.9	78.9	79.1	79.2	79.2	79.3	79.3	79.4	79.4
IV 12000	77.5	79.0	80.1	80.8	81.2	81.2	81.5	81.6	81.6	81.9	81.9	81.9	82.1	82.1	82.2	82.2
IV 10000	78.7	80.5	81.7	82.4	82.6	82.9	83.2	83.3	83.3	83.6	83.6	83.6	83.8	83.8	83.9	83.9
IV 9000	78.8	80.5	81.6	82.5	82.9	82.9	83.3	83.4	83.4	83.6	83.7	83.7	83.8	83.8	83.9	83.9
IV 8000	79.4	81.2	82.4	83.2	83.6	83.6	84.0	84.0	84.0	84.3	84.3	84.3	84.5	84.5	84.6	84.6
IV 7000	80.0	81.7	83.0	83.7	84.1	84.2	84.5	84.6	84.6	84.9	84.9	84.9	85.1	85.1	85.2	85.2
IV 6000	80.5	82.3	83.7	84.4	84.8	84.9	85.2	85.3	85.3	85.6	85.6	85.6	85.9	85.9	85.9	85.9
IV 5000	81.3	83.2	84.6	85.3	85.7	85.7	86.1	86.2	86.2	86.5	86.5	86.5	86.8	86.8	86.8	86.8
IV 4500	81.6	83.4	84.8	85.6	85.9	86.0	86.3	86.4	86.5	86.7	86.8	86.8	87.0	87.0	87.1	87.1
IV 4000	81.9	83.8	85.2	85.9	86.3	86.4	86.8	86.8	86.9	87.1	87.2	87.2	87.5	87.5	87.6	87.6
IV 3500	82.1	84.0	85.4	86.2	86.6	86.6	87.0	87.1	87.1	87.4	87.5	87.5	87.8	87.8	87.8	87.8
IV 3000	82.4	84.3	85.8	86.6	87.0	87.1	87.5	87.6	87.6	87.9	87.9	87.9	88.2	88.2	88.3	88.3
IV 2500	82.7	84.6	86.1	86.9	87.3	87.4	87.8	87.8	87.9	88.2	88.2	88.2	88.6	88.6	88.7	88.7
IV 2000	82.9	85.0	86.4	87.2	87.7	87.8	88.2	88.3	88.4	88.7	88.7	88.7	89.0	89.0	89.1	89.1
IV 1800	83.2	85.3	86.7	87.5	88.0	88.1	88.5	88.6	88.7	89.0	89.0	89.0	89.3	89.3	89.4	89.4
IV 1500	83.7	86.0	87.5	88.3	88.8	88.8	89.3	89.4	89.5	89.8	89.8	89.8	90.0	90.2	90.3	90.3
IV 1200	84.0	86.5	88.1	89.0	89.5	89.5	90.0	90.2	90.3	90.6	90.6	90.6	90.9	90.9	91.0	91.0
IV 1000	84.6	87.3	88.9	89.9	90.4	90.5	90.9	91.3	91.4	91.8	91.8	91.8	92.2	92.2	92.4	92.4
IV 900	84.8	87.6	89.2	90.3	90.8	90.9	91.4	91.7	91.8	92.2	92.2	92.2	92.7	92.7	92.8	92.8
IV 800	85.0	88.1	89.8	90.9	91.5	91.6	92.2	92.5	92.7	93.0	93.1	93.1	93.5	93.5	93.7	93.7
IV 700	85.2	88.4	90.2	91.3	92.0	92.1	92.7	93.1	93.3	93.6	93.7	93.7	94.2	94.3	94.4	94.4
IV 600	85.4	88.7	90.5	91.7	92.5	92.6	93.2	93.6	93.8	94.2	94.3	94.3	94.9	95.0	95.1	95.1
IV 500	85.4	88.8	90.7	92.0	92.9	93.0	93.7	94.1	94.4	94.9	95.0	95.0	95.6	95.7	95.9	95.9
IV 400	85.5	89.1	91.2	92.6	93.6	93.7	94.5	95.2	95.5	96.1	96.2	96.2	96.9	97.0	97.2	97.2
IV 300	85.5	89.1	91.2	92.6	93.6	93.7	94.5	95.3	95.6	96.3	96.4	96.5	97.2	97.3	97.6	97.6
IV 200	85.5	89.1	91.2	92.6	93.7	93.8	94.7	95.5	95.9	96.7	97.1	97.2	98.1	98.4	98.8	99.0
IV 100	85.5	89.1	91.2	92.6	93.7	93.9	94.8	95.6	95.9	96.8	97.3	97.4	98.5	98.8	99.4	99.8
IV 0	85.5	89.1	91.2	92.6	93.7	93.9	94.8	95.6	95.9	96.8	97.3	97.4	98.5	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2319

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NE MEXICO/CLOVIS
STATION NAME

43-45,51-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS(EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.9	65.0	63.4	65.8	66.1	66.1	66.5	66.6	66.6	66.7	66.7	66.7	67.1	67.1	67.1	67.2
≥ 20000	75.2	76.9	77.4	77.9	78.3	78.3	78.7	78.8	78.8	78.9	78.9	78.9	79.3	79.3	79.4	79.5
IV 18000	75.4	77.1	77.6	78.1	78.5	78.5	78.9	79.0	79.0	79.0	79.0	79.0	79.5	79.5	79.6	79.7
IV 16000	75.9	77.5	78.1	78.6	79.0	79.0	79.4	79.6	79.6	79.6	79.6	79.6	80.1	80.1	80.2	80.3
IV 14000	77.3	79.2	79.7	80.3	80.7	80.7	81.1	81.2	81.2	81.3	81.3	81.3	81.8	81.8	81.8	82.1
IV 12000	79.2	81.2	81.8	82.3	82.8	82.8	83.1	83.3	83.3	83.4	83.4	83.4	83.8	83.8	83.9	84.1
IV 10000	81.1	83.3	83.9	84.4	84.9	84.9	85.3	85.4	85.4	85.5	85.5	85.5	85.9	85.9	86.0	86.2
IV 9000	81.3	83.5	84.1	84.7	85.1	85.1	85.5	85.7	85.7	85.7	85.7	85.7	86.2	86.2	86.3	86.5
IV 8000	82.0	84.3	84.9	85.5	85.9	85.9	86.3	86.5	86.5	86.5	86.5	86.5	87.0	87.0	87.1	87.3
IV 7000	82.4	84.7	85.4	85.9	86.4	86.4	86.8	86.9	86.9	87.0	87.0	87.0	87.5	87.5	87.5	87.8
IV 6000	82.6	85.0	85.6	86.2	86.6	86.6	87.1	87.2	87.2	87.3	87.3	87.3	87.8	87.8	87.9	88.1
IV 5000	83.3	85.8	86.5	87.0	87.5	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.7	88.7	88.7	89.0
IV 4500	83.5	86.0	86.7	87.2	87.7	87.7	88.1	88.3	88.3	88.4	88.4	88.4	88.9	88.9	89.0	89.2
IV 4000	84.0	86.5	87.2	87.8	88.3	88.3	88.7	88.9	88.9	89.0	89.0	89.0	89.5	89.5	89.6	89.8
IV 3500	84.0	86.6	87.3	87.8	88.4	88.4	88.8	89.0	89.0	89.0	89.0	89.0	89.5	89.5	89.6	89.8
IV 3000	84.5	87.2	87.9	88.4	89.0	89.0	89.4	89.6	89.6	89.6	89.6	89.6	90.1	90.1	90.2	90.4
IV 2500	84.8	87.5	88.2	88.8	89.4	89.4	89.8	90.1	90.1	90.1	90.1	90.1	90.6	90.6	90.7	90.9
IV 2000	85.4	88.1	88.9	89.6	90.1	90.1	90.6	90.8	90.8	90.9	90.9	90.9	91.4	91.4	91.5	91.7
IV 1800	85.7	88.5	89.3	89.9	90.5	90.5	90.9	91.2	91.2	91.2	91.2	91.2	91.7	91.7	91.8	92.0
IV 1600	86.1	89.1	89.9	90.5	91.1	91.1	91.6	91.9	91.9	91.9	91.9	91.9	92.5	92.5	92.6	92.8
IV 1400	86.5	89.7	90.5	91.2	91.8	91.8	92.4	92.7	92.7	92.7	92.7	92.7	93.3	93.3	93.4	93.6
IV 1200	86.5	89.8	90.7	91.5	92.3	92.3	92.9	93.2	93.2	93.2	93.2	93.2	93.9	94.0	94.0	94.3
IV 1000	86.7	90.3	91.2	92.2	92.9	93.0	93.6	93.9	93.9	94.0	94.0	94.0	94.6	94.7	94.8	95.0
IV 900	86.7	90.6	91.5	92.5	93.3	93.4	94.1	94.4	94.4	94.5	94.5	94.5	95.2	95.3	95.4	95.6
IV 800	86.9	90.9	91.8	92.8	93.8	93.9	94.6	94.9	95.0	95.0	95.1	95.1	95.8	95.9	96.0	96.2
IV 700	87.0	91.1	92.0	93.1	94.1	94.2	95.0	95.3	95.4	95.4	95.5	95.6	96.4	96.5	96.6	96.8
IV 600	87.0	91.2	92.2	93.4	94.5	94.6	95.4	95.9	95.9	96.1	96.2	96.2	97.1	97.2	97.4	97.6
IV 500	87.0	91.2	92.2	93.6	94.8	95.0	95.9	96.4	96.4	96.6	96.7	96.8	97.7	97.8	97.9	98.1
IV 400	87.0	91.2	92.2	93.7	94.9	95.1	96.1	96.7	96.7	96.9	97.2	97.2	98.1	98.2	98.4	98.6
IV 300	87.0	91.2	92.2	93.7	94.9	95.1	96.2	96.8	96.9	97.2	97.7	97.7	98.7	98.8	99.3	99.8
IV 200	87.0	91.2	92.2	93.7	94.9	95.1	96.2	96.8	96.9	97.2	97.7	97.7	98.7	98.8	99.4	99.8
IV 100	87.0	91.2	92.2	93.7	94.9	95.1	96.2	96.8	96.9	97.2	97.7	97.7	98.7	98.8	99.4	99.8
IV 0	87.0	91.2	92.2	93.7	94.9	95.1	96.2	96.8	96.9	97.2	97.7	97.7	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2319

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	66.3	67.4	67.7	68.1	68.5	68.5	68.6	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0
≥ 20000	77.5	79.1	79.5	80.0	80.4	80.4	80.6	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0
IV 18000	77.7	79.3	79.6	80.2	80.6	80.6	80.7	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.2
IV 16000	78.3	79.9	80.3	80.8	81.2	81.2	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
IV 14000	79.9	81.7	82.2	82.7	83.2	83.2	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.8
IV 12000	82.1	83.9	84.4	84.9	85.4	85.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9	86.0
IV 10000	84.0	86.0	86.4	87.0	87.4	87.4	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0
IV 9000	84.2	86.2	86.7	87.3	87.7	87.7	87.8	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.3
IV 8000	84.6	86.7	87.2	87.7	88.2	88.2	88.3	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.8
IV 7000	84.8	87.0	87.5	88.1	88.5	88.5	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1
IV 6000	85.3	87.4	88.0	88.6	89.0	89.0	89.1	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.6
IV 5000	86.0	88.2	88.7	89.3	89.8	89.8	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4
IV 4500	86.2	88.4	89.0	89.6	90.0	90.0	90.2	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6
IV 4000	86.8	89.0	89.6	90.3	90.7	90.7	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.3
IV 3500	87.0	89.3	89.9	90.5	90.9	90.9	91.1	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6
IV 3000	87.4	89.7	90.3	90.9	91.4	91.4	91.6	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0
IV 2500	87.7	90.2	90.8	91.5	92.0	92.0	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6
IV 2000	88.2	90.8	91.5	92.2	92.6	92.6	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3
IV 1800	88.3	90.9	91.6	92.3	92.8	92.8	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.6
IV 1500	88.4	91.3	92.0	92.7	93.2	93.2	93.4	93.5	93.6	93.8	93.8	93.8	93.8	93.9	93.9	94.0
IV 1200	88.4	91.5	92.2	92.9	93.4	93.4	93.6	93.8	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.3
IV 1000	88.6	92.0	92.7	93.4	94.0	94.1	94.3	94.5	94.5	94.8	94.8	94.8	95.1	95.1	95.1	95.2
IV 900	88.7	92.2	93.0	93.8	94.3	94.4	94.7	94.8	94.9	95.1	95.2	95.2	95.5	95.5	95.5	95.6
IV 800	88.7	92.5	93.3	94.0	94.6	94.7	95.0	95.2	95.2	95.5	95.6	95.6	95.8	95.8	95.9	96.0
IV 700	88.9	92.8	93.7	94.5	95.1	95.2	95.6	95.9	96.0	96.2	96.3	96.3	96.6	96.6	96.7	96.8
IV 600	88.9	93.2	94.1	94.9	95.6	95.7	96.1	96.4	96.4	96.7	96.8	96.8	97.2	97.2	97.2	97.3
IV 500	89.0	93.3	94.3	95.2	96.0	96.1	96.6	96.9	96.9	97.2	97.4	97.4	97.9	97.9	97.9	98.0
IV 400	89.1	93.5	94.5	95.5	96.2	96.3	97.0	97.3	97.3	97.7	97.9	97.9	98.4	98.4	98.5	98.6
IV 300	89.1	93.5	94.5	95.5	96.2	96.3	97.0	97.4	97.5	98.1	98.3	98.3	98.7	98.7	99.0	99.0
IV 200	89.1	93.5	94.5	95.5	96.2	96.3	97.1	97.5	97.6	98.2	98.5	98.5	99.0	99.0	99.3	99.4
IV 100	89.1	93.5	94.5	95.5	96.2	96.3	97.1	97.5	97.6	98.2	98.5	98.7	99.2	99.2	99.5	99.8
IV 0	89.1	93.5	94.5	95.5	96.2	96.3	97.1	97.5	97.6	98.2	98.5	98.7	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2309

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45-51-72
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.0	74.1	74.5	74.5	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.5
IV 20000	80.0	81.5	81.8	82.0	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0
IV 18000	80.1	81.5	81.9	82.0	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1
IV 16000	80.5	82.0	82.4	82.5	83.2	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.6
IV 14000	82.1	83.6	83.9	84.1	84.8	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1
IV 12000	83.7	85.4	85.7	85.9	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.9
IV 10000	85.2	86.8	87.2	87.3	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.4
IV 9000	85.4	87.1	87.4	87.6	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.6
IV 8000	86.1	87.9	88.2	88.4	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.4
IV 7000	86.5	88.4	88.7	88.8	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	90.0
IV 6000	86.7	88.6	89.0	89.1	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.3
IV 5000	87.2	89.2	89.5	89.6	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.8
IV 4500	87.4	89.4	89.7	89.9	90.7	90.7	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0
IV 4000	87.7	89.7	90.0	90.2	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3
IV 3500	87.9	90.0	90.4	90.5	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7
IV 3000	88.2	90.4	90.8	90.9	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
IV 2500	88.5	90.8	91.1	91.3	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.6
IV 2000	88.8	91.3	91.7	91.9	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.2
IV 1800	89.0	91.6	92.0	92.2	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5
IV 1500	89.4	92.1	92.5	92.7	93.6	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.1
IV 1200	89.6	92.3	92.7	92.9	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3
IV 1000	89.8	92.6	93.0	93.2	94.1	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.7
IV 900	90.0	92.8	93.2	93.4	94.4	94.4	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9
IV 800	90.3	93.4	93.7	94.1	95.0	95.0	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6
IV 700	90.5	93.8	94.2	94.6	95.5	95.6	95.8	95.9	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.3
IV 600	90.6	94.1	94.5	95.0	95.9	96.0	96.2	96.3	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.7
IV 500	90.7	94.3	94.8	95.5	96.5	96.5	96.7	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.3	97.5
IV 400	90.9	94.7	95.2	95.8	96.9	97.0	97.2	97.4	97.4	97.5	97.6	97.6	97.8	97.8	98.0	98.2
IV 300	91.0	94.8	95.3	96.0	97.0	97.1	97.4	97.6	97.7	97.8	98.0	98.0	98.2	98.2	98.4	98.6
IV 200	91.0	94.8	95.3	96.0	97.1	97.2	97.5	97.8	97.8	98.2	98.4	98.4	98.6	98.6	98.9	99.1
IV 100	91.0	94.8	95.3	96.0	97.1	97.2	97.6	97.9	98.0	98.3	98.6	98.8	99.0	99.0	99.4	99.8
IV 0	91.0	94.8	95.3	96.0	97.1	97.2	97.6	97.9	98.0	98.3	98.6	98.8	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2286

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45,51-72
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100
HOURS/YS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NEXT CEILING	73.1	74.7	74.7	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3
IV 20000	78.7	80.4	80.4	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.1
IV 18000	78.7	80.4	80.4	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.1
IV 16000	78.8	80.5	80.6	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3
IV 14000	80.1	81.8	81.9	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.6
IV 12000	81.9	83.9	83.9	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.6
IV 10000	83.1	85.0	85.1	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.8
IV 9000	83.5	85.4	85.5	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2
IV 8000	84.3	86.2	86.3	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0
IV 7000	84.5	86.5	86.6	86.6	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3
IV 6000	84.8	86.7	86.9	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6
IV 5000	85.4	87.4	87.5	87.6	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3
IV 4500	85.7	87.8	87.9	88.0	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7
IV 4000	86.2	88.4	88.5	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3
IV 3500	86.4	88.7	88.8	88.9	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6
IV 3000	86.7	89.2	89.3	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1
IV 2500	86.8	89.4	89.6	89.8	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.5
IV 2000	87.1	89.9	90.0	90.2	90.6	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.2
IV 1800	87.1	89.9	90.0	90.2	90.6	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.2
IV 1500	87.5	90.3	90.5	90.7	91.1	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.6
IV 1200	88.0	90.8	91.0	91.3	91.6	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.2
IV 1000	88.4	91.3	91.4	91.7	92.1	92.2	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.8
IV 900	88.5	91.4	91.6	91.9	92.3	92.3	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.9	92.9	93.1
IV 800	88.7	91.7	92.0	92.2	92.7	92.7	92.7	93.0	93.0	93.2	93.2	93.2	93.2	93.3	93.3	93.5
IV 700	89.0	92.1	92.3	92.7	93.2	93.3	93.4	93.5	93.6	93.8	93.9	93.9	93.9	93.9	94.1	94.2
IV 600	89.2	92.8	93.1	93.5	94.0	94.1	94.3	94.4	94.4	94.8	94.8	94.8	94.8	94.8	95.0	95.1
IV 500	89.2	93.1	93.5	93.9	94.4	94.5	94.8	94.9	95.0	95.3	95.4	95.4	95.4	95.5	95.7	95.8
IV 400	89.3	93.4	93.8	94.3	95.3	95.4	95.7	95.8	95.9	96.4	96.5	96.6	96.7	96.7	96.9	97.0
IV 300	89.5	93.7	94.1	94.7	95.7	95.8	96.2	96.3	96.4	96.9	97.1	97.2	97.3	97.3	97.5	97.7
IV 200	89.5	93.8	94.2	94.8	95.8	95.9	96.4	96.6	96.7	97.3	97.7	97.8	98.1	98.1	98.3	98.5
IV 100	89.5	93.8	94.2	94.8	95.8	95.9	96.5	96.7	96.8	97.5	98.0	98.1	98.6	98.6	99.0	99.7
IV 0	89.5	93.8	94.2	94.8	95.8	95.9	96.5	96.7	96.8	97.5	98.0	98.2	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2286

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23008

CANNON AFB NEW MEXICO/CLOVIS

46,51-70

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	36.4	7.1	5.8	4.5	3.6	2.7	3.4	4.7	5.7	4.9	21.2	4.2	14874
FEB		37.1	6.7	5.3	4.5	3.5	2.6	3.2	4.1	5.1	4.3	23.6	4.2	13526
MAR		33.8	6.1	5.5	4.9	4.2	2.8	3.7	4.4	5.5	4.1	24.9	4.5	14867
APR		36.2	6.8	6.2	5.1	3.9	3.2	3.6	4.4	5.7	5.1	19.9	4.1	14390
MAY		29.7	8.2	7.3	6.4	4.8	3.9	4.0	5.2	6.9	4.9	18.8	4.3	14871
JUN		30.3	9.3	8.1	7.0	5.8	4.3	4.2	5.5	6.4	5.0	13.8	3.9	14386
JUL		19.7	9.0	8.8	8.7	7.0	5.8	4.9	7.3	9.0	6.3	13.3	4.5	14872
AUG		23.3	9.2	9.0	8.1	7.2	6.1	5.2	7.5	7.6	4.9	12.0	4.2	14867
SEP		39.9	8.5	6.7	4.9	4.5	3.4	3.6	4.5	5.0	3.7	15.3	3.5	14393
OCT		49.1	6.4	5.3	4.2	2.9	2.5	2.8	3.3	4.4	2.8	16.2	3.2	14403
NOV		43.0	6.1	5.3	4.5	3.2	2.7	3.1	3.8	4.5	3.6	20.3	3.7	13917
DEC		39.9	7.1	5.9	4.5	3.4	2.6	3.4	4.4	5.4	3.9	19.7	3.8	14784
TOTALS		34.9	7.5	6.6	5.6	4.5	3.6	3.8	4.9	5.9	4.5	18.3	4.0	174150

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23008 CANNON AFB NEW MEXICO/CLOVIS

46,52-70

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	50.6	5.9	5.2	4.1	3.1	1.7	2.6	3.7	3.7	2.3	17.2	3.1	1857
	03-05	49.6	4.6	5.4	3.9	3.2	1.8	2.3	4.0	3.9	2.1	19.2	3.3	1858
	06-08	32.5	8.6	5.3	4.2	3.8	2.9	3.4	4.5	5.9	5.1	23.8	4.4	1860
	09-11	27.1	8.1	5.6	3.6	3.4	2.6	3.0	4.7	7.1	6.8	27.9	5.1	1860
	12-14	25.0	7.7	5.6	5.9	3.6	3.5	3.3	5.1	7.5	7.6	25.1	5.0	1860
	15-17	24.5	8.4	6.5	5.0	3.1	3.0	4.5	5.1	8.7	8.0	23.2	5.0	1860
	18-20	36.2	7.8	6.3	4.2	3.9	3.4	4.7	5.8	5.4	4.8	17.4	4.0	1860
	21-23	46.0	5.5	6.5	5.0	4.8	2.3	3.3	4.3	3.7	2.7	16.0	3.3	1859
TOTALS		36.4	7.1	5.8	4.5	3.6	2.7	3.4	4.7	5.7	4.9	21.2	4.2	14874

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

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FEB

STATION

STATION NAME

PERIOD

MONTH

6

(4)

SKY COVER

MAR

STATION

STATION NAME

PERIOD

MONIM

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	47.5	5.2	4.5	3.7	3.1	1.5	3.1	3.1	3.8	2.4	22.3	3.6	1858
	03-05	43.7	6.1	4.9	4.7	3.3	1.9	3.1	2.8	2.6	2.3	24.5	3.8	1860
	06-08	27.8	6.6	6.1	5.4	3.8	2.7	3.1	4.4	6.3	4.9	28.7	5.0	1855
	09-11	29.1	6.6	4.8	4.0	4.4	3.0	3.9	4.6	5.3	5.4	28.8	5.0	1859
	12-14	24.5	6.5	5.7	5.2	5.6	4.1	4.1	4.7	6.9	6.9	25.8	5.1	1857
	15-17	22.7	6.1	5.1	5.3	5.2	3.8	4.2	6.0	8.3	5.5	27.8	5.3	1860
	18-20	29.8	6.3	6.5	6.6	5.3	3.3	4.5	5.9	6.6	3.6	21.5	4.5	1860
	21-23	44.9	5.5	6.1	4.6	2.7	2.4	3.6	3.7	4.3	1.9	20.1	3.6	1858
TOTALS		33.8	6.1	5.5	4.9	4.2	2.8	3.7	4.4	5.5	4.1	24.9	4.5	14867

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23008

CANNON AFB NEW MEXICO/CLOVIS

46,52-70

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	53.8	5.8	5.1	4.0	2.9	2.0	2.9	2.9	3.6	2.0	15.0	2.8	1799
	03-05	46.7	5.6	6.0	4.0	3.1	3.0	3.0	3.2	4.0	2.4	19.2	3.4	1796
	06-08	30.6	7.1	6.1	3.9	3.9	3.3	3.6	4.2	6.1	6.7	24.4	4.7	1798
	09-11	27.0	7.6	6.3	6.4	3.8	2.7	3.9	5.5	6.1	6.9	23.7	4.8	1799
	12-14	24.3	7.4	6.6	6.4	4.7	4.3	3.7	5.9	8.1	6.7	21.8	4.9	1799
	15-17	24.4	7.4	6.3	5.9	4.6	4.4	4.3	4.6	7.8	8.2	22.2	4.9	1800
	18-20	33.4	7.1	6.9	5.7	4.4	2.8	3.6	5.9	6.2	5.0	18.9	4.2	1800
	21-23	49.2	6.4	6.2	4.6	3.6	2.7	3.6	3.2	3.8	2.9	13.8	3.0	1799
TOTALS		36.2	6.8	6.2	5.1	3.9	3.2	3.6	4.4	5.7	5.1	19.9	4.1	14390

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAY

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	49.7	6.3	5.9	5.2	3.4	2.4	2.6	3.3	4.8	1.0	15.4	3.0	1860
	03-05	36.5	7.4	9.3	6.7	4.0	3.6	2.9	3.7	5.2	2.7	18.0	3.7	1857
	06-08	25.0	9.5	6.9	6.5	4.5	2.3	3.8	5.0	8.3	5.2	23.1	4.7	1859
	09-11	25.3	9.2	8.3	6.0	4.4	3.4	4.0	5.2	7.5	6.3	20.3	4.6	1859
	12-14	20.1	8.9	7.6	7.4	6.7	5.9	4.8	5.5	8.0	7.4	17.6	4.8	1859
	15-17	16.8	8.2	6.7	6.9	5.2	5.9	5.2	8.6	9.7	8.3	18.5	5.2	1859
	18-20	23.2	8.3	7.2	6.7	4.9	4.4	4.7	6.1	7.5	6.3	20.7	4.8	1859
	21-23	41.0	7.5	6.6	6.0	4.9	3.3	3.9	3.8	4.2	1.8	16.9	3.4	1859
TOTALS		29.7	8.2	7.3	6.4	4.8	3.9	4.0	5.2	6.9	4.9	18.8	4.3	14871

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23008 CANNON AFB NEW MEXICO/CLOVIS

46,52-70

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	48.8	7.4	6.7	5.2	3.3	2.6	3.4	3.7	3.8	1.9	13.0	2.9	1798
	03-05	34.0	11.7	8.0	6.5	4.9	3.3	3.6	4.9	5.1	3.1	14.0	3.5	1798
	06-08	30.4	10.8	8.4	6.4	5.7	3.7	3.3	5.6	5.5	5.2	15.0	3.9	1799
	09-11	32.7	9.7	8.0	6.7	5.7	4.1	3.7	6.2	6.0	5.5	11.7	3.7	1798
	12-14	21.6	10.4	10.0	8.5	8.3	7.2	4.9	6.5	6.3	6.3	9.9	4.1	1800
	15-17	14.7	9.3	8.6	9.5	7.2	8.2	5.1	7.4	9.7	6.7	13.6	4.8	1798
	18-20	22.2	8.1	6.8	7.0	5.5	4.3	4.6	5.9	10.0	8.3	17.3	4.0	1796
	21-23	37.4	6.9	8.4	6.1	5.4	3.3	4.8	3.9	4.6	3.2	16.1	3.6	1799
TOTALS		30.3	9.3	8.1	7.0	5.8	4.6	4.2	5.5	6.4	5.0	13.8	3.9	14386

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23008

CANNON AFB NEW MEXICO/CLOVIS

46,52-70

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	37.4	8.0	7.5	5.3	3.9	3.2	3.1	4.8	6.5	2.8	17.5	3.8	1858
	03-05	28.2	9.8	9.5	8.0	4.7	4.8	3.8	6.7	6.8	5.0	12.6	3.9	1859
	06-08	18.6	11.5	9.6	9.9	6.9	5.2	3.4	6.3	7.6	7.7	13.2	4.4	1859
	09-11	20.3	12.7	10.4	9.1	6.5	4.7	4.6	5.8	9.4	7.2	9.2	4.1	1860
	12-14	10.7	8.1	9.3	12.0	9.9	9.0	6.2	10.8	10.4	7.2	6.3	4.7	1857
	15-17	6.5	6.3	8.6	11.6	10.4	9.8	8.2	9.5	11.8	8.1	9.3	5.2	1859
	18-20	10.4	7.9	8.1	7.3	7.3	5.1	5.4	8.6	12.4	8.2	19.4	5.6	1860
	21-23	25.8	7.3	7.5	6.7	6.3	4.6	4.5	6.1	7.3	3.9	20.1	4.5	1860
TOTALS		19.7	9.0	8.8	8.7	7.0	5.8	4.9	7.3	9.0	6.3	13.5	4.5	14872

USAFETAC

FORM
JUL 44 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

23008 CANNON AFB NEW MEXICO/CLOVIS

46,52-70

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	40.8	8.1	7.1	6.2	4.2	2.5	4.0	4.4	4.9	2.9	14.9	3.4	1860
	03-05	36.1	9.5	7.6	7.4	5.7	4.1	3.9	4.5	5.2	3.1	13.0	3.4	1860
	06-08	22.7	12.8	9.3	7.8	5.4	5.4	5.4	5.9	7.3	5.8	12.2	4.1	1856
	09-11	24.4	12.3	9.8	7.5	6.6	6.0	5.9	6.1	7.5	4.1	9.6	3.8	1855
	12-14	10.0	7.1	10.1	9.6	12.3	11.6	6.8	9.9	9.1	6.2	7.4	4.8	1857
	15-17	7.4	6.0	10.0	10.6	11.2	10.2	5.6	11.9	11.5	6.6	9.0	5.1	1859
	18-20	14.0	8.8	9.5	8.0	7.0	5.5	5.9	9.5	10.2	6.7	14.8	5.0	1860
	21-23	31.2	9.3	8.4	7.3	5.1	3.3	3.9	7.6	5.3	3.4	15.1	3.9	1860
TOTALS		23.3	9.2	9.0	8.1	7.2	6.1	5.2	7.5	7.6	4.9	12.0	4.2	14867

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23008

CANNON AFB NEW MEXICO/CLOVIS

46,52-70

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	51.9	7.3	5.9	3.1	2.9	1.4	1.8	2.9	3.6	3.1	16.2	3.0	1799
	03-05	46.9	7.2	5.4	3.9	3.1	2.3	3.1	3.3	3.3	2.2	19.2	3.3	1800
	06-08	36.7	9.5	5.2	4.3	3.9	2.3	3.2	4.5	4.9	3.6	21.9	4.0	1798
	09-11	40.3	9.6	5.5	5.4	3.9	3.4	2.6	4.0	6.0	5.0	14.3	3.5	1798
	12-14	30.8	8.9	8.2	5.5	6.4	5.8	5.6	6.4	5.9	4.5	11.9	3.8	1800
	15-17	27.2	9.2	8.9	6.8	6.4	6.5	5.7	7.1	5.3	4.7	12.2	4.0	1800
	18-20	35.9	9.1	7.9	6.2	5.0	3.4	4.1	5.4	6.6	3.8	12.7	3.6	1800
	21-23	49.1	7.4	6.5	4.3	4.4	1.8	2.7	2.7	4.3	2.4	14.3	2.9	1798
TOTALS		39.9	8.5	6.7	4.9	4.5	3.4	3.6	4.5	5.0	3.7	15.3	3.5	14393

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

NOT

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	62.6	4.2	3.6	3.3	1.7	1.7	1.9	1.9	2.7	1.1	15.3	2.5	1802
	03-05	59.2	4.0	3.9	2.8	1.8	1.6	1.9	2.4	3.1	1.1	18.1	2.8	1798
	06-08	41.2	9.4	5.7	4.4	2.4	1.6	2.4	2.9	4.9	4.2	20.8	3.7	1801
	09-11	41.2	7.4	5.3	4.9	3.5	2.2	3.2	3.4	4.9	4.7	19.1	3.7	1800
	12-14	38.3	7.9	6.3	6.1	4.1	3.9	3.3	4.6	5.6	4.4	15.6	3.7	1801
	15-17	38.8	8.4	6.9	4.6	4.7	5.0	3.6	4.8	6.3	3.6	13.4	3.5	1801
	18-20	51.0	6.6	6.2	4.2	2.3	2.8	3.4	4.2	5.1	1.8	12.4	2.9	1800
	21-23	60.7	3.6	4.4	3.1	2.9	1.4	2.9	1.8	2.8	1.6	14.8	2.5	1800
TOTALS		49.1	6.4	5.3	4.2	2.9	2.5	2.8	3.3	4.4	2.8	16.2	3.2	14403

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23008 CANNON AFB NEW MEXICO/CLOVIS

46,52-70

NOV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	54.1	4.8	3.9	3.6	2.5	2.1	2.4	2.8	3.0	2.4	18.5	3.1	1740
	03-05	54.7	3.4	4.1	4.3	2.4	2.1	2.2	2.2	3.0	2.3	19.1	3.1	1740
	06-08	35.9	7.0	5.9	4.8	3.2	2.9	2.4	5.1	4.9	4.5	23.4	4.2	1740
	09-11	33.6	8.3	5.8	4.3	2.9	2.8	3.0	4.3	5.8	4.7	24.5	4.4	1738
	12-14	32.1	8.0	6.2	5.5	3.4	3.5	3.9	5.1	6.4	4.9	20.9	4.3	1739
	15-17	34.1	6.8	6.1	5.5	4.3	3.3	4.5	5.2	5.1	5.7	19.3	4.2	1740
	18-20	46.3	5.9	5.7	4.8	3.7	2.9	2.6	3.0	4.4	2.6	18.0	3.4	1740
	21-23	52.9	4.6	4.8	3.0	2.8	2.2	3.5	2.9	3.2	1.6	18.3	3.1	1740
TOTALS		43.0	6.1	5.3	4.5	3.2	2.7	3.1	3.8	4.5	3.6	20.3	3.7	13917

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

DEC

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	50.9	5.9	4.2	3.7	3.2	1.8	2.9	2.8	3.4	2.1	19.1	3.2	1839
	03-05	50.3	5.7	4.7	3.9	2.5	1.4	2.9	2.8	3.8	2.2	20.0	3.3	1839
	06-08	32.9	8.3	5.9	5.1	2.9	3.0	3.1	5.5	6.1	4.6	22.6	4.4	1851
	09-11	29.5	8.2	6.6	5.4	2.9	2.6	3.0	5.0	7.7	6.5	22.7	4.6	1860
	12-14	29.7	8.2	7.1	5.2	4.3	3.0	4.0	5.6	7.5	4.5	20.9	4.4	1860
	15-17	31.1	7.8	6.6	3.3	4.4	3.0	4.4	5.6	7.2	5.3	19.6	4.3	1854
	18-20	43.7	7.2	7.3	4.0	3.4	3.3	3.5	4.1	3.9	3.7	15.9	3.4	1841
	21-23	50.8	5.1	4.9	3.6	3.6	2.4	3.2	3.7	3.3	2.7	16.6	3.1	1840
TOTALS		39.9	7.1	5.9	4.5	3.4	2.6	3.4	4.4	5.4	3.9	19.7	3.8	14784

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the raw count of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 51-72

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
70						3.3	8.4	4.8					1.4
65					.6	24.3	57.0	44.8	4.0	.3			11.1
60				.5	7.7	62.4	95.4	88.3	34.0	1.8			24.6
55				4.0	33.4	88.1	100.0	98.6	65.5	9.7			33.8
50		.4	1.0	16.3	63.0	97.1		100.0	87.7	28.3	.6	.4	41.8
45	.4	1.1	7.5	38.0	80.6	99.7			95.9	55.9	5.6	1.2	50.0
40	3.2	6.8	21.2	64.8	95.5	100.0			99.2	81.6	20.3	3.9	58.7
35	13.0	20.4	42.8	84.7	99.2				99.7	93.9	46.0	11.7	68.1
30	18.2	29.1	52.1	90.0	99.5				99.9	96.5	58.0	18.4	72.2
25	31.9	43.8	65.4	95.3	100.0				99.9	98.4	73.0	33.2	78.7
20	56.6	65.8	82.7	99.3					100.0	99.9	87.4	63.4	88.1
15	75.4	83.6	92.6	99.9						100.0	96.0	84.1	94.4
10	86.4	94.3	97.2								98.9	93.6	97.5
5	92.9	97.6	99.2	100.0							99.6	97.8	98.9
0	96.9	99.7	100.0								99.9	99.6	99.7
-5	98.7	100.0									100.0	99.9	99.9
-10	99.6												100.0
-15	99.9												100.0
-20	100.0											100.0	100.0
MEAN	24.7	27.7	32.5	42.1	51.2	60.7	64.9	63.9	56.3	45.4	33.3	26.4	44.1
S D	9.307	8.222	9.493	7.282	6.237	5.200	3.239	3.701	5.951	6.922	7.362	7.535	16.017
TOTAL OBS	749	707	775	750	775	750	775	775	750	773	700	767	9046

23008

CANNON AFB NEW MEXICO/CLOVIS

43-46, 51-72

YEARS

MEAN

MEAN

USAFETAC FORM 111 64 G-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23008 STATION CANNON AFB NEW MEXICO/CLOVIS 43-46, 51-72 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	* 64	71	85	91	93	97	99	100	96	85	79	62	100
44	63	68	76	80	91	101	103	105	94	84	76	66	105
45	66	76	78	87	97	101	97	101	100	83	80	72	101
46	66	74	89	87	87	100	99	98	91	85*	68		
51												* 67	
52	* 74	68	74	83	91	101	96	98	93	86	76	65	101
53	74	73	80	86	96	102	100	98	95	86	73	67	102
54	72	75	78	87	88	93	100	96	94	90	78	74	100
55	64	71	78	82	89	97	96	94	93	85	76	73	97
56	71	75	82	86	94	97	97	95	97	90	82	68	97
57	70	76	74	82	85	103	101	98	92	89	67	66	103
58	68	76	72	85	96	97	105	97	95	85	75	77	105
59	70	72	75	90	92	97	95	98	95	90	74	65	98
60	62	68	79	86	91	100	98	94	92	84	76	61	100
61	64	77	77	87	94	95	94	93	90	87	74	72	95
62	66	80	81	90	96	98	98	96	93	86	76	70	98
63	71	74	85	87	93	93	93	92	89	87	76	70	98
64	68	60	77	86	95	97	99	99	93	86	76	71	99
65	70	71	75	94	92	96	97	94	91*	89	76	69	97
66	62	63	81	83	94	94	101	98	85	81	78	71	101
67	72	75	84	86	91	92	93	94	91	89	81	67	94
68	68	71	79	80	94	106	96	91	90	89	74	68	106
69	75	69	73	83	91	99	99	101	89	89		70	
70	76	78	76	80	91	101	97	98	96	81	77	75	101
71	73	72	85	86	90	93	98	91	91	84	79	72	98
72	77	80	84	92	91	98	# 97	# 93	# 99	# 88	# 70	# 70	98
MEAN	69.1	72.5	79.1	85.0	92.1	98.1	98.1	96.5	92.6	86.3	75.7	69.1	99.7
S D	4.447	4.797	4.434	3.704	2.957	3.358	2.666	3.417	3.163	2.673	3.641	3.855	3.093
TOTAL OBS.	749	707	775	750	775	750	775	775	750	773	700	767	9046

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

2300B STATION CANNON AFB NEW MEXICO/CLOVIS 43-46, 51-72 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	* 13	20	8	38	39	57	59	62	46	34	18	9	8
44	10	16	17	26	36	51	57	53	47	40	19	18	10
45	15	19	25	14	38	46	57	54	29	25	19	8	8
46	12	20	23	33	36	47	60	58	40	36	23		
51												* 9	
52	* 10	12	11	23	36	57	55	61	48	32	4	9	4
53	13	14	19	24	34	53	57	60	49	37	19	3	3
54	5	21	17	32	32	49	61	60	51	33	25	11	5
55	13	8	13	31	44	46	61	55	50	30	17	17	8
56	13	8	11	30	44	59	59	54	50	35	19	15	8
57	10	22	23	25	43	49	56	60	45	32	9	18	9
58	10	19	21	31	42	54	59	60	42	32	14	6	6
59	-1	14	23	29	44	53	60	57	41	32	13	21	-1
60	-3	2	9	32	38	54	59	57	46	33	23	18	-3
61	10	12	23	28	44	54	55	56	41	37	21	-11	-11
62	-7	6	13	25	36	44	58	55	44	37	18	10	-7
63	-11	7	17	34	42	52	60	52	47	37	-24	-6	-11
64	3	9	18	25	38	43	55	55	41	40	17	8	3
65	16	4	8	35	37	45	61	54	40	34	25	18	4
66	4	8	16	25	35	48	61	51	49	29	23	8	4
67	10	15	11	34	31	50	57	55	45	28	23	13	10
68	9	15	16	29	43	50	59	55	43	27	22	5	5
69	11	16	13	37	41	49	64	61	52	25		9	
70	0	17	18	24	31	45	59	56	38	22	17	17	0
71	-3	8	8	28	36	51	56	56	40	31	27	21	-3
72	6	7	23	29	43	52	# 57	# 57	# 45	# 28	# 18	# 5	# 5
MEAN	7.0	12.8	5.2	28.8	38.5	50.3	58.5	56.8	44.4	32.2	19.0	10.8	2.8
S. D.	7.536	5.768	5.452	5.241	4.254	4.259	2.275	2.882	5.073	4.702	5.271	7.075	6.201
TOTAL OBS.	749	707	775	750	775	750	775	775	750	773	700	767	9046

NOTES * (BASED ON < FULL MONTHS)

(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88-5 (OLI)
JUL 64

PSYCHROMETRIC SUMMARY

ALL

STATION

STATION NAME

YEARS

MONTH

Δ11

HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46,52-72

JAN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
78/ 77															.0			2	2					
76/ 75															.0			5	5					
74/ 73														.0	.0			10	10					
72/ 71										.0	.0	.0	.1	.0	.0			26	26					
70/ 69										.0	.1	.1	.1	.0				50	50					
68/ 67								.0	.0	.0	.2	.2	.1					101	101					
66/ 65							.0	.1	.1	.2	.2	.3	.1					174	174					
64/ 63							.0	.1	.2	.2	.3	.2						175	175					
62/ 61				.0		.0	.1	.2	.4	.4	.4	.1						271	271					
60/ 59				.0		.0	.1	.3	.4	.6	.3	.0						326	326					
58/ 57			.0	.0	.0	.1	.2	.4	.5	.5	.1							328	328					
56/ 55		.0	.0	.0	.1	.2	.4	.6	.8	.4	.0							444	444	5				
54/ 53	.0	.1	.0	.0	.1	.2	.6	.9	.5	.1	.0							464	464	23				
52/ 51	.0	.0	.0	.1	.2	.5	.9	.8	.4	.1								544	544	56				
50/ 49	.0	.1	.0	.1	.3	.8	1.2	.7	.2	.0								608	608	116				
48/ 47	.0	.1	.1	.3	.6	.9	1.0	.5	.1	.0								643	644	293				
46/ 45	.0	.1	.1	.5	1.0	1.1	1.0	.4	.1									748	748	425				
44/ 43	.0	.2	.3	.7	1.3	1.3	.7	.2	.0									855	855	628				
42/ 41	.0	.2	.4	1.2	1.5	1.3	.5	.1	.0									895	895	878				
40/ 39	.0	.4	.7	1.5	1.7	1.1	.3	.0										1020	1020	1072				
38/ 37	.0	.5	1.2	2.1	1.5	.5	.3	.8										1034	1034	1117				
36/ 35	.1	.7	2.0	2.1	1.3	.5	.0											1191	1191	1336				
34/ 33	.2	1.1	2.1	1.9	.8	.2	.0											1120	1120	1419				
32/ 31	.2	1.3	2.6	1.8	.5	.1	.0											1166	1166	1765				
30/ 29	.3	1.6	2.2	1.3	.3	.1												1017	1017	1633				
28/ 27	.3	1.9	1.8	.7	.2	.0												870	870	1516				
26/ 25	.4	1.9	1.6	.5	.1													811	812	1337				
24/ 23	.2	1.6	1.2	.4	.0													622	624	954				
22/ 21	.3	1.5	.8	.2														496	496	794				
20/ 19	.3	1.3	.4	.1														378	379	642				
18/ 17	.2	1.0	.3	.1														288	289	440				
16/ 15	.3	.9	.2															253	254	323				
14/ 13	.2	.7	.2															196	197	259				
12/ 11	.2	.5	.1															153	153	188				
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72

YEARS

JAN
MONTH

PAGE 2

ALL

ALL
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS
STATION STATION NAME

93-46, 52-72

FEB
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS
STATION STATION NAME

43-46, 52-72

YEARS

FEB
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
12/ 11	.1	.3	.0															61	61	81	765												
10/ 9	.1	.2																54	54	62	697												
8/ 7	.1	.1																30	30	48	447												
6/ 5	.0	.0																7	7	13	297												
4/ 3	.0																	4	4	4	219												
2/-1	.0																	1	1	-1	158												
0/ -1																					129												
-2/ -3																					71												
-4/ -5																					58												
-6/ -7																					15												
-8/ -9																					7												
-10/-11																					1												
-12/-13																					1												
-16/-17																					2												
-22/-23																					1												
TOTAL	4.2	17.8	15.0	13.8	11.7	9.8	7.8	5.9	5.1	3.6	2.5	1.4	.8	.3	.1	.0		16732	16736	16732													
																		16732		16736													

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

ALL

ALL
HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93																	.0	2	2		
92/ 91																	.0	9	9		
90/ 89																	.0	21	21		
88/ 87																	.0	34	34		
86/ 85														.0	.0	.2	.3	108	108		
84/ 83													.1	.1	.2	.5	.1	165	165		
82/ 81									.0	.0	.0	.0	.1	.2	.5	.7	.1	272	272		
80/ 79									.0	.0	.0	.1	.1	.4	.7	.4	.1	336	336		
78/ 77									.0	.1	.1	.2	.4	.6	1.0	.1	.0	443	443		
76/ 75								.0	.0	.1	.1	.4	.5	.9	.6	.0		503	503		
74/ 73							.0	.1	.1	.1	.3	.6	.9	1.0	.1	.0		560	560		
72/ 71						.0	.1	.1	.2	.3	.5	.8	.8	.7	.0			606	606		
70/ 69				.0	.0	.0	.1	.2	.3	.4	.8	.8	1.0	.1				675	675		
68/ 67				.0	.0	.1	.2	.3	.3	.5	.8	1.0	.7					709	709		
66/ 65			.0	.0	.1	.2	.3	.4	.5	.8	.9	.8	.2					758	758	1	
64/ 63			.0	.1	.2	.2	.4	.5	.6	.9	.9	.5	.0					780	780	10	
62/ 61		.0	.2	.3	.3	.4	.5	.8	.9	.9	.8	.2	.0					837	837	33	
60/ 59		.1	.2	.3	.3	.4	.6	.7	1.1	.9	.6	.0						935	935	112	5
58/ 57		.1	.2	.4	.4	.3	.7	.8	1.1	.7	.3	.0						901	901	309	18
56/ 55	.0	.4	.4	.4	.4	.6	.9	1.0	.9	.3	.0							980	980	574	62
54/ 53	.0	.5	.5	.5	.6	.8	.8	1.0	.8	.3	.0							1029	1029	1016	152
52/ 51	.0	.6	.6	.6	.7	.9	1.2	.8	.5	.1								986	986	1377	236
50/ 49	.0	.7	.6	.6	.8	1.1	1.1	.9	.3									1076	1076	1693	367
48/ 47	.1	.7	.5	.7	.9	1.1	.8	.6	.1									992	992	1712	436
46/ 45	.0	.6	.6	.8	.9	1.0	.6	.3	.0									877	878	1806	470
44/ 43	.1	.4	.6	.9	.9	.7	.4	.1										774	774	1659	547
42/ 41	.1	.5	.7	.7	.7	.6	.3	.0										636	636	1531	552
40/ 39	.1	.7	.8	.5	.6	.4	.1											550	550	1531	678
38/ 37	.1	.6	.6	.4	.6	.2	.0											417	417	1391	844
36/ 35	.2	.4	.4	.4	.2	.1	.0											300	300	1059	1031
34/ 33	.1	.4	.3	.3	.1	.0												210	210	722	1061
32/ 31	.1	.2	.3	.2	.1	.0												157	157	525	1164
30/ 29	.0	.2	.3	.1	.0													101	101	375	1159
28/ 27	.1	.2	.1	.0														70	70	204	1113
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

23002 CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72

YEARS

APR
MONTH

PAGE 2

ALL
HOURS (L, S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
26/ 25	.1	.1	.1	.0														26	26	128	1273			
24/ 23	.0	.0	.0															7	7	56	1147			
22/ 21	.0	.0																2	2	15	1135			
20/ 19		.0																2	2	6	929			
18/ 17		.0																4	4	3	904			
16/ 15		.0																1	1	3	785			
14/ 13																					562			
12/ 11																					440			
10/ 9																					310			
8/ 7																					213			
6/ 5																					118			
4/ 3																					62			
2/ 1																					43			
0/ -1																					20			
-2/ -3																					15			
-4/ -5																					7			
-6/ -7																					7			
-8/ -9																					2			
-10/-11																					3			
TOTAL	1.1	7.1	7.9	7.9	8.9	9.1	8.9	8.2	7.5	6.7	6.3	5.5	4.7	4.0	3.3	2.0	.9	17851	17852	17851	17850			
																		17851		17851				
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	40465431		730691		40.924		317		17850		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total	
Dry Bulb	60641417		1014347		56.812		979		17852				14.9		179.2		98.9		31.0		.1		720	
Wet Bulb	35052164		780044		43.7		7.357		17851				53.0										720	
Dew Point	16667352		516922		28.611		211		17850		2.2		460.3										720	

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

MAY
MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL			Dry Bulb	Wet Bulb	Dew Point	
98/ 97																	.0	1	1					
96/ 95																.0	.1	22	22					
94/ 93															.0	.0	.3	62	62					
92/ 91													.0	.0	.0	.1	.5	110	110					
90/ 89											.0	.0	.0	.0	.1	.1	.8	208	208					
88/ 87								.0			.0	.1	.1	.2	.2	.3	1.0	345	345					
86/ 85									.0	.0	.1	.1	.2	.3	.4	.7	.8	482	482					
84/ 83								.0	.0	.0	.2	.2	.3	.4	.7	1.1	.3	573	573					
82/ 81	.0						.0	.1	.1	.3	.4	.4	.6	.9	.6	.1	.673	673						
80/ 79			.0		.0	.0	.1	.3	.5	.5	.5	.8	.7	.2	.0	.0	.713	713		1				
78/ 77						.0	.1	.2	.3	.4	.5	.6	.6	.7	.5	.0	.699	699						
76/ 75						.1	.1	.4	.4	.5	.6	.5	.7	.6	.2		.743	743						
74/ 73				.0	.1	.2	.3	.4	.6	.6	.5	.6	.6	.5			.778	778		1				
72/ 71			.0	.0	.1	.3	.5	.6	.6	.6	.5	.6	.5	.2			.834	834		1				
70/ 69			.0	.1	.1	.5	.6	.5	.8	.6	.6	.6	.3	.0			.907	907		6	1			
68/ 67		.0	.0	.2	.5	.7	.7	.8	.6	.7	.5	.4	.2				.990	990		43	1			
66/ 65		.1	.2	.5	.6	.7	.7	.7	.5	.6	.5	.3	.0				1038	1038		127	10			
64/ 63	.0	.1	.4	.7	.8	.8	.9	.5	.5	.5	.3	.1					1058	1058		336	18			
62/ 61	.0	.3	.6	.9	.9	.8	.6	.6	.6	.5	.3	.0					1117	1117		700	74			
60/ 59	.0	.5	.9	1.2	.8	.9	.7	.8	.6	.4	.1	.0					1279	1280		1243	215			
58/ 57	.0	.8	1.0	.9	.8	.7	.5	.7	.3	.2	.0						1130	1130		1771	391			
56/ 55	.1	1.4	1.1	.8	.7	.6	.5	.5	.4	.1	.0						1167	1170		2358	651			
54/ 53	.2	.9	.8	.6	.6	.4	.5	.4	.2	.0							860	860		2474	958			
52/ 51	.1	.8	.7	.6	.4	.5	.3	.2	.1	.0							697	697		2019	1191			
50/ 49	.2	.6	.8	.6	.4	.4	.2	.2	.0								647	647		1846	1233			
48/ 47	.1	.5	.7	.4	.3	.3	.2	.1	.0								468	468		1421	1112			
46/ 45	.0	.6	.4	.3	.2	.1	.0	.1									339	339		1235	1153			
44/ 43	.0	.3	.3	.2	.2	.1	.0	.0									217	217		994	1217			
42/ 41	.0	.2	.1	.2	.1	.0	.0										117	117		729	1106			
40/ 39	.0	.1	.1	.1	.0	.0	.0										81	81		482	1000			
38/ 37		.1	.1	.1	.0	.0	.0										62	62		317	873			
36/ 35	.0	.1	.1	.0	.0	.0											48	48		190	876			
34/ 33		.0	.0	.0	.0												8	8		102	860			
32/ 31			.0	.0	.0												8	8		52	958			
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 44 JUL 64 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46,52-72

JUN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
106/105																		.0	2	2				
104/103																		.0	2	2				
102/101																		.1	20	20				
100/99																	.0	.4	65	65				
98/97														.0	.0	.1	.7	146	146					
96/95											.0		.0	.1	.1	.2	1.1	266	266					
94/93											.0		.0	.2	.4	.4	1.1	374	374					
92/91												.1	.3	.5	.7	.6	1.1	570	570					
90/89									.0	.0	.0	.3	.6	1.0	.8	.5	1.0	755	755					
88/87									.0	.1	.3	.8	1.0	.6	.5	.4	.5	752	752					
86/85								.0	.1	.3	.8	1.1	1.0	.7	.4	.4	.3	894	894					
84/83							.0	.0	.4	.6	1.1	.9	.6	.4	.3	.3	.1	856	856					
82/81							.0	.3	.6	1.0	.9	.6	.4	.2	.3	.2	.0	615	615					
80/79						.0	.3	.7	1.1	1.0	.6	.5	.3	.3	.3	.0		888	888					
78/77					.0	.2	.7	1.0	.9	.8	.6	.4	.2	.2	.1	.0		915	915					
76/75				.0	.2	.7	1.1	1.1	.9	.5	.4	.3	.2	.1	.0			979	979	1				
74/73			.0	.1	.6	1.1	1.3	.9	.7	.5	.3	.1	.1	.0	.0			1019	1019	3				
72/71			.1	.3	.9	1.4	1.2	.7	.5	.3	.3	.1	.1	.0				1065	1066	19				
70/69	.0	.1	.3	1.2	1.6	1.4	.8	.5	.4	.3	.1	.2	.1	.0				1183	1183	163				
68/67	.1	1.0	1.3	1.6	.9	.6	.5	.2	.2	.2	.1							1175	1175	750				
66/65	.0	.4	1.4	1.4	1.2	.7	.4	.3	.3	.2	.2	.1						1162	1162	1755				
64/63	.0	.8	1.6	1.3	.8	.6	.3	.2	.2	.2	.1	.0						1086	1086	2833				
62/61	.0	.7	1.5	.9	.4	.3	.2	.2	.2	.1	.0							809	809	2898				
60/59	.0	.8	1.3	.6	.3	.3	.2	.2	.1	.1								682	682	2602				
58/57	.0	.9	.7	.3	.2	.1	.1	.1	.1	.0								462	462	2092				
56/55	.0	.7	.3	.3	.2	.1	.1	.1	.0									330	330	1594				
54/53	.1	.3	.2	.1	.1	.0	.1	.0	.0									180	180	1032				
52/51	.0	.1	.2	.1	.0	.1	.0	.0										81	81	638				
50/49	.0	.0	.1	.1	.0	.0	.0	.0										53	53	433				
48/47	.0	.0	.0	.0	.0	.0	.0											23	23	327				
46/45	.0	.0	.0	.0														7	7	236				
44/43	.0	.0																4	4	128				
42/41																				77				
40/39																				25				
Element (X)	Σx^2		Σx		\bar{x}		s^2		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JUN
 MONTH
 ALL
 HOURS 11.5

[illegible]

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72

YEARS

JUL
MONTH

PAGE 1

ALL

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL
HOURS (L, S)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb, Wet Bulb, Dew Point																									
104/103																		.0	5	5																							
102/101																		.0	3	3																							
100/99																		.1	24	24																							
98/97												.0	.0	.0	.1	.2	.2	.2	95	95																							
96/95												.0	.0	.1	.4	.4	.3	.3	239	239																							
94/93											.0	.1	.2	.6	.8	.5	.2	.2	405	405																							
92/91										.0	.1	.2	.7	.9	.7	.4	.2	.2	604	604																							
90/89							.0	.0	.0	.0	.3	1.0	1.4	.9	.5	.2	.0	.0	830	830																							
88/87								.0	.1	.3	.9	1.4	1.2	.5	.3	.1	.0	.0	868	868																							
86/85								.0	.3	.9	1.5	1.3	.6	.3	.0	.0	.0	.0	898	898																							
84/83						.0	.0	.2	.8	1.3	1.2	.7	.3	.1	.0	.0	.0	.0	877	877																							
82/81					.0	.1	.2	.7	1.3	1.4	.9	.3	.1	.0	.0	.0	.0	.0	902	902																							
80/79					.0	.1	.7	1.5	1.5	1.0	.6	.2	.0	.0	.0	.0	.0	.0	1052	1052																							
78/77				.0	.0	.5	1.5	1.5	1.1	.5	.2	.1	.0	.0	.0	.0	.0	.0	1028	1028																							
76/75			.0	.0	.5	1.5	1.4	1.6	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	1146	1146																							
74/73		.0	.0	.4	1.3	1.5	1.7	1.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	1204	1204	22		2																				
72/71		.0	.1	1.1	2.0	1.6	1.3	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1370	1370	96		4																				
70/69		.1	1.0	2.5	2.1	1.8	1.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1659	1659	567		11																				
68/67	.0	.5	2.1	2.0	1.6	.9	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1470	1470	2016		47																				
66/65	.1	1.6	3.1	1.7	.9	.6	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1562	1563	3704		372																				
64/63	.2	1.6	1.6	1.2	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1011	1011	4052		1169																				
62/61	.1	1.0	1.0	.6	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	588	588	3377		2354																				
60/59	.0	.6	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	293	293	2106		2622																				
58/57	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	142	142	1251		2596																				
56/55	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	86	86	681		2488																				
54/53	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	22	295		2272																				
52/51	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	19	145		1580																				
50/49																						68		1041																			
48/47																						18		664																			
46/45																						1		467																			
44/43																								295																			
42/41																								170																			
40/39																								120																			
38/37																								66																			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ																				
Ref. Hum.																																											
Dry Bulb																																											
Wet Bulb																																											
Dew Point																																											
Mean No. of Hours with Temperature																																											
																				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																		
																								Total																			

FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC JUL 64

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

ALL

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46,52-72

YEARS

SEP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
100/ 99																	.0	2	2								
98/ 97																	.0	7	7								
96/ 95														.0	.0	.0	.0	33	33								
94/ 93													.0	.1	.1	.1	.2	72	72								
92/ 91								.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	131	131								
90/ 89								.0	.0	.0	.1	.2	.3	.4	.4	.4	.2	319	319								
88/ 87								.0	.1	.2	.3	.4	.5	.5	.4	.3	.1	431	431								
86/ 85								.1	.2	.3	.4	.5	.7	.5	.4	.2	.0	570	570								
84/ 83						.0	.0	.3	.3	.4	.7	.8	.7	.5	.2	.1	.0	639	639								
82/ 81						.0	.0	.3	.6	.6	.7	.7	.4	.2	.1	.0		672	672								
80/ 79					.0	.0	.2	.6	.8	.7	.8	.6	.3	.2	.0	.0		762	762								
78/ 77					.0	.2	.6	.6	.7	.8	.6	.4	.2	.0	.0			710	710	1							
76/ 75				.0	.1	.5	.7	.8	.8	.7	.5	.4	.1	.0				834	834	1							
74/ 73			.0	.0	.4	.8	.9	.9	.7	.5	.4	.2	.1	.0				865	865								
72/ 71		.0	.0	.3	.7	.8	1.0	.7	.6	.4	.2	.1	.0					876	876	9	2						
70/ 69		.0	.2	.8	1.1	1.2	1.0	.6	.5	.4	.2	.0	.0					1090	1090	125	4						
68/ 67	.0	.2	.8	1.3	1.2	1.1	.8	.6	.5	.2	.1	.0						1223	1223	477	16						
66/ 65	.0	.7	1.6	1.6	1.2	1.0	.7	.6	.4	.2	.0							1411	1411	1076	81						
64/ 63	.1	1.4	1.7	1.3	1.1	.8	.6	.5	.2	.1	.0							1416	1416	1756	386						
62/ 61	.1	1.6	1.8	1.4	.9	.7	.5	.3	.2	.1	.0							1334	1334	2433	896						
60/ 59	.1	1.8	1.9	1.1	.7	.7	.5	.2	.1	.0								1189	1189	2538	1406						
58/ 57	.1	1.3	1.2	.8	.6	.5	.4	.1	.0									901	901	2328	1590						
56/ 55	.0	1.4	.7	.6	.5	.4	.2	.1	.0									727	727	1846	1686						
54/ 53	.0	1.1	.4	.4	.4	.3	.1	.0										496	496	1468	1645						
52/ 51	.1	.8	.4	.3	.4	.2	.0											391	391	1122	1809						
50/ 49	.1	.4	.4	.3	.2	.1	.0											258	258	888	1425						
48/ 47	.0	.2	.2	.2	.1	.0	.0											136	136	603	1206						
46/ 45	.0	.3	.2	.1	.0	.0												111	111	452	1079						
44/ 43	.0	.1	.3	.1	.0													84	84	308	915						
42/ 41	.0	.2	.1															48	48	154	889						
40/ 39	.0	.0	.1															19	19	123	740						
38/ 37	.0	.1	.0															27	27	59	658						
36/ 35	.0	.0																10	10	23	484						
34/ 33	.1	.0																14	14	15	316						
Element (X)	Σ X'		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																											
Wet Bulb																											
Dew Point																											

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72

YEARS

MCT
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point					
90/ 89									.0	.0					.0	.0	.0				12	12			
88/ 87									.0	.0	.0				.0	.0	.1				30	30			
86/ 85								.0	.0	.0	.0	.0	.0	.1	.1	.2	.1				112	112			
84/ 83								.0	.0	.0	.0	.1	.1	.2	.3	.5	.3				191	191			
82/ 81						.0	.0	.0	.0	.0	.1	.2	.3	.3	.5	.4	.1				305	305			
80/ 79						.0	.0	.0	.1	.1	.2	.3	.5	.6	.4	.0					385	385			
78/ 77				.0	.0	.0	.0	.0	.1	.2	.3	.5	.5	.4	.2	.0					425	425			
76/ 75				.0	.0	.1	.1	.1	.2	.3	.5	.6	.5	.4	.2	.0					506	506			
74/ 73				.0	.0	.1	.1	.2	.3	.4	.6	.6	.6	.4	.2	.0					531	531	2		
72/ 71				.0	.1	.1	.2	.3	.4	.6	.6	.6	.6	.4	.2	.0					553	553	5		
70/ 69		.0	.0	.2	.1	.2	.2	.4	.5	.8	.7	.5	.1								680	680	7		
68/ 67		.0	.1	.2	.2	.3	.4	.5	.6	.7	.5	.2	.0								689	689	32	6	
66/ 65		.1	.2	.3	.4	.5	.6	.6	.9	.7	.3	.0									803	803	84	13	
64/ 63	.0	.3	.3	.3	.5	.5	.6	.7	.8	.6	.2	.0									860	860	187	67	
62/ 61	.0	.5	.4	.3	.4	.6	.9	.8	.9	.4	.1	.0									982	982	330	114	
60/ 59	.1	.7	.7	.6	.5	.8	1.0	1.0	.8	.3	.0										1183	1183	608	212	
58/ 57	.1	.8	.6	.6	.7	.9	.9	.8	.5	.1											1103	1103	888	286	
56/ 55	.1	.9	.6	.7	.9	1.0	1.2	.8	.2	.0											1211	1211	1354	365	
54/ 53	.2	.9	.8	.8	1.0	1.1	1.0	.5	.1	.0											1183	1183	1603	519	
52/ 51	.3	1.1	.9	1.2	1.2	1.1	.7	.2	.0												1223	1223	1573	675	
50/ 49	.2	1.1	1.1	1.1	1.2	1.1	.6	.1	.0												1202	1203	1846	764	
48/ 47	.2	.9	1.2	.9	1.2	.8	.3	.1													1024	1024	1707	817	
46/ 45	.2	.8	1.2	1.1	.8	.7	.1	.0													901	901	1790	998	
44/ 43	.1	.9	.8	.8	.7	.4	.0														684	684	1602	1003	
42/ 41	.1	.8	.7	.6	.4	.2	.0														471	471	1374	1228	
40/ 39	.1	.7	.7	.4	.3	.1	.0														361	361	1113	1407	
38/ 37	.0	.7	.5	.4	.2	.1															347	347	816	1386	
36/ 35	.0	.5	.3	.2	.1																211	212	623	1404	
34/ 33		.2	.2	.2	.0																102	102	361	1383	
32/ 31	.0	.1	.1	.0	.0																51	51	237	1305	
30/ 29	.0	.1	.1	.0																	36	36	123	1130	
28/ 27		.0	.0																		11	11	66	871	
26/ 25	.0	.0	.0																		8	8	22	790	
24/ 23																							12	556	
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature							Total		
Rel. Hum.																$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

ALL

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43-46, 52-72

NOV
MONTH

YEARS

PAGE 1

ALL

ALL
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
82/ 81																.0	.0		4	4															
80/ 79														.0	.0			4	4																
78/ 77													.0	.0	.0	.0		20	20																
76/ 73											.0	.0	.1	.1	.1	.0		70	70																
74/ 73									.0	.0	.1	.1	.1	.2	.2	.0		121	121																
72/ 71							.0	.0	.0	.1	.3	.3	.3	.1	.0			211	211																
70/ 69							.0	.0	.0	.1	.2	.3	.5	.3	.0			248	248																
68/ 67						.0	.0	.1	.1	.5	.6	.5	.1					321	321																
66/ 65					.0	.0	.1	.1	.4	.6	.5	.3	.0					360	360																
64/ 63				.0	.0	.1	.1	.2	.5	.8	.5	.1	.0					417	417																
62/ 61		.0	.0	.0	.0	.1	.1	.4	.7	.7	.3	.1						454	454	2	2														
60/ 59		.1	.1	.1	.1	.2	.3	.7	.8	.6	.0	.0						556	556	10	4														
58/ 57	.0	.1	.1	.1	.1	.2	.5	.7	.8	.4	.0							525	525	43	14														
56/ 55	.0	.2	.1	.1	.2	.5	.8	.9	.7	.2	.0							666	666	101	30														
54/ 53	.0	.1	.1	.2	.5	.6	1.1	1.0	.5	.1								730	730	198	65														
52/ 51	.0	.2	.2	.3	.6	1.1	1.2	.8	.3	.0								813	813	328	48														
50/ 49	.0	.2	.4	.5	1.0	1.4	1.1	.6	.2									946	946	593	71														
48/ 47	.1	.4	.5	.8	1.2	1.3	.9	.4	.0									981	981	905	101														
46/ 45	.1	.4	.7	1.1	1.6	1.2	.8	.2	.0									1067	1067	1127	182														
44/ 43	.1	.7	.9	1.2	1.5	1.0	.7	.1										1080	1080	1235	283														
42/ 41	.2	1.1	1.1	1.7	1.6	1.1	.3											1221	1221	1481	301														
40/ 39	.2	1.2	1.5	1.6	1.4	.8	.1	.0										1195	1195	1628	514														
38/ 37	.2	1.2	1.6	1.9	1.1	.4	.0											1125	1125	1639	723														
36/ 35	.2	1.4	1.7	1.5	.8	.1	.0											988	988	1580	952														
34/ 33	.2	1.5	1.5	1.1	.4	.1												845	845	1554	1086														
32/ 31	.2	1.2	1.3	.8	.1	.1												635	636	1506	1457														
30/ 29	.2	1.4	1.2	.6	.1	.0												592	593	1035	1553														
28/ 27	.1	1.0	.7	.4	.1													386	386	843	1485														
26/ 25	.1	.7	.5	.2	.0													267	267	575	1514														
24/ 23	.1																																		

FORM 0-26-5 (01-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

NDV

STATION

STATION NAME

YEARS

MONTH

ALL

HOURS (L. S. T.)

[illegible]USAFETAC FORM 0.26-5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC
MONTH

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
78/ 77														.0				1	1																	
76/ 75														.0				1	1																	
74/ 73														.0				12	12																	
72/ 71														.0				29	29																	
70/ 69														.0				47	47																	
68/ 67														.0				81	81																	
66/ 65														.0				148	148																	
64/ 63														.0				194	194																	
62/ 61														.0				241	241																	
60/ 59														.0				347	347																	
58/ 57														.0				380	380																	
56/ 55														.0				429	429		2															
54/ 53														.0				483	483		29															
52/ 51														.0				541	541		65															
50/ 49														.0				660	660		134															
48/ 47														.0				703	703		253															
46/ 45														.0				839	839		506															
44/ 43														.0				878	878		710															
42/ 41														.0				877	877		905															
40/ 39														.0				1063	1063		1145															
38/ 37														.0				1209	1209		1150															
36/ 35														.0				1220	1220		1326															
34/ 33														.0				1360	1360		1507															
32/ 31														.0				1288	1288		1937															
30/ 29														.0				1223	1223		1863															
28/ 27														.0				1052	1052		1848															
26/ 25														.0				920	920		1552															
24/ 23														.0				609	609		1083															
22/ 21														.0				428	428		709															
20/ 19														.0				368	368		547															
18/ 17														.0				217	217		396															
16/ 15														.0				164	164		229															
14/ 13														.0				88	90		140															
12/ 11														.0				77	79		94															
Element (X)	Σ x ¹			Σ x			Σ			Σ x			No. Obs			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F			≤ 32 F			≤ 67 F			≤ 73 F			≤ 80 F			≤ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

43-45, 51-72

DEC
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
10/ 9	.1	.2	.0															45	45	73	661			
8/ 7	.0	.1	.0															21	21	35	489			
6/ 5	.0	.0																12	12	12	330			
4/ 3																				5	197			
2/ 1	.0	.0																3	3	3	135			
0/ -1																					98			
-2/ -3	.0																	1	1	1	57			
-4/ -5	.0																	1	1	1	29			
-6/ -7	.0																	1	1	1	5			
-8/ -9																					7			
-10/-11	.0																	1	1	1	4			
-12/-13																					3			
-14/-15																					2			
-16/-17																					3			
-18/-19																					1			
-22/-23																					1			
TOTAL	20.0	17.8	15.7	12.1	9.4	7.0	4.8	3.5	2.6	1.6	.7	.2	.0					18262	18267	18262	18262			

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23006 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
58/ 57						.0												1	1				
56/ 55						.0												2	2				
54/ 53	.0	.0			.0	.0	.0											5	5	1	1	1	
52/ 51	.0	.0			.2	.1	.2	.1										16	16	3	2	2	
50/ 49		.1			.0	.0	.3	.0	.0	.1								15	15	2	1	1	
48/ 47		.0	.1		.3	.3	.2	.4	.0	.1								33	33	6	2	2	
46/ 45	.0	.2	.3		.4	.7	.4	.3	.0									53	53	8	2	2	
44/ 43		.4	.4		.6	1.1	.9	.7	.1									91	91	12	1	1	
42/ 41		.1	.5		1.3	1.2	.6	.1										84	84	24	21	21	
40/ 39		.3	.8		1.8	1.3	1.1	.2										121	121	41	13	13	
38/ 37	.1	.8	1.6		2.1	1.9	.9	.1										167	167	72	13	13	
36/ 35	.0	1.3	3.1		2.3	1.9	.4	.1										207	207	125	25	25	
34/ 33	.3	1.7	2.8		2.8	.8	.3	.0										195	195	161	37	37	
32/ 31	.4	1.3	4.2		2.4	.8	.0											205	205	240	81	81	
30/ 29	.4	1.8	3.5		2.0	.2	.1											179	179	247	115	115	
28/ 27	.4	3.4	3.1		.8	.2												179	179	264	130	130	
26/ 25	.6	3.4	2.6		.4													156	156	265	154	154	
24/ 23	.2	2.8	1.8		.6													121	121	179	174	174	
22/ 21	.4	1.8	1.3		.1													78	78	151	233	233	
20/ 19	.4	1.8	.7		.3													69	69	97	192	192	
18/ 17	.3	1.4	.4		.0													47	47	75	172	172	
16/ 15	.4	1.4	.4															49	49	56	179	179	
14/ 13	.4	.9	.3															34	34	54	136	136	
12/ 11	.1	.6	.1															20	20	25	108	108	
10/ 9	.4	1.0	.1															35	35	40	98	98	
8/ 7	.3	.9	.0															27	27	28	92	92	
6/ 5	.3	.3																12	13	19	59	59	
4/ 3	.0	.2																5	5	8	46	46	
2/ 1	.1	.0																3	3	5	35	35	
0/ -1	.1	.3																9	9	7	21	21	
-2/ -3	.0	.1																3	3	5	29	29	
-4/ -5		.0																1	1	1	14	14	
-6/ -7		.2																4	4	5	5	5	
-8/ -9		.0																1	1	1	7	7	
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 84 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

43-46, 52-72

JAN
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

0.26-5 (JLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-4652-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
58/ 57							.0											1	1		
54/ 53		.2																5	5		
52/ 51		.0					.1	.1										10	10	5	
50/ 49			.1	.1	.0	.2	.0		.0									12	12	1	
48/ 47				.1	.4	.1	.1	.1										18	18		
46/ 45	.1	.2	.2	.3	.3	.3	.2	.1										40	40	9	
44/ 43	.0	.2	.4	.5	.5	.4	.3											53	53	11	
42/ 41	.0	.3	.4	1.1	.6	.4	.2											65	65	15	
40/ 39	.1	.3	.7	1.1	1.0	1.1	.1											99	99	46	
38/ 37		.6	1.5	1.7	1.5	.0												132	132	42	
36/ 35	.1	.9	2.9	2.2	1.1	.2												164	164	89	
34/ 33	.5	1.9	3.4	2.3	.7	.2												199	199	130	
32/ 31	.3	2.0	4.5	2.7	.6	.1												228	228	210	
30/ 29	.4	2.7	3.5	1.8	.1	.1												191	191	245	
28/ 27	.5	3.6	3.1	1.2	.1													191	191	264	
26/ 25	.9	3.3	2.6	.6	.2													169	170	259	
24/ 23	.5	3.2	2.3	.4														144	144	194	
22/ 21	.4	2.9	1.6	.4														119	119	172	
20/ 19	.5	2.5	.8	.1														87	87	141	
18/ 17	.4	2.1	.4	.0														67	67	100	
16/ 15	.4	1.5	.4															52	52	74	
14/ 13	.4	.9	.4															39	40	51	
12/ 11	.3	.9	.3															33	33	33	
10/ 9	.3	.9	.2															29	29	38	
8/ 7	.3	.9																26	26	31	
6/ 5	.2	.7																21	21	29	
4/ 3		.4																9	9	10	
2/ 1		.1																3	3	5	
0/ -1	.1	.2																8	8	5	
-2/ -3	.2	.1																7	7	10	
-4/ -5		.0																1	1	3	
-6/ -7		.1																3	3	2	
-8/ -9		.1																2	2	3	
-10/-11	.0																	1	1	1	
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23005 CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72

JAN

MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	Dry Bulb		Wet Bulb	Dew Point
54/ 53		.1			.0	.0			.1									6	6			6	6		
52/ 51	.0	.0		.0	.1	.0		.1										9	8		3	9	8		3
50/ 49			.1	.0	.0	.2	.1	.1										13	13		1	13	13		1
48/ 47	.1	.1	.0	.0	.2	.2	.1	.0	.1									21	21		4	21	21		4
46/ 45		.3	.1	.2	.4	.2	.4	.2	.4									39	39		6	39	39		6
44/ 43	.0	.1	.4	.4	.7	.4	.3											55	55		14	55	55		14
42/ 41		.2	.4	1.3	1.0	1.0	.4	.0										99	99		13	99	99		13
40/ 39	.1	.4	.9	1.0	1.2	.7	.2											101	101		29	101	101		29
38/ 37		.4	1.6	1.9	1.7	.4												130	130		67	130	130		67
36/ 35		1.3	2.2	2.7	1.5	.1												171	171		83	171	171		83
34/ 33	.4	1.3	2.5	2.4	.7	.3												168	168		155	168	168		155
32/ 31	.4	2.2	4.5	2.4	.4	.0												222	222		201	222	222		201
30/ 29	.4	2.8	4.1	1.3	.3													199	199		241	199	199		241
28/ 27	.7	3.1	2.7	.5	.2													161	161		277	161	161		277
26/ 25	.8	3.5	3.2	.3	.1													178	178		246	178	178		246
24/ 23	.3	2.9	2.2	.3														129	131		176	129	131		176
22/ 21	.4	3.9	2.1	.2														146	146		165	146	146		165
20/ 19	.7	2.4	.5	.2														87	88		161	87	88		161
18/ 17	.3	1.7	.4	.1														55	56		95	55	56		95
16/ 15	.6	1.3	.3															49	50		57	49	50		57
14/ 13	.4	1.3	.3															44	44		52	44	44		52
12/ 11	.4	.9	.3															35	35		45	35	35		45
10/ 9	.4	.9	.0															29	29		38	29	29		38
8/ 7	.5	.5	.0															25	25		38	25	25		38
6/ 5	.1	.6																15	16		11	15	16		11
4/ 3	.1	.4																10	10		12	10	10		12
2/ 1	.0	.5																12	12		13	12	12		13
0/ -1	.0	.1																3	3		5	3	3		5
-2/ -3	.0	.2																6	6		8	6	6		8
-4/ -5	.0	.0																2	2		2	2	2		2
-6/ -7		.2																5	5		3	5	5		3
-8/ -9		.1																2	2		2	2	2		2
-10/-11		.0																1	1		2	1	1		2
-12/-13																									
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 3 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

PAGE 2 JAN
MONTH
C600-0800
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46732-72

YEARS

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
72/ 71												.0		.0									2	2											
68/ 67												.0	.1	.1									4	4											
66/ 65									.0	.1	.1	.1		.1									8	8											
64/ 63							.0	.1	.0	.2	.0	.0		.0									12	12											
62/ 61						.0	.1	.2	.5	.4	.3	.0											37	37											
60/ 59				.0		.1	.2	.4	.4	.4	.1												38	38											
58/ 57			.0		.1	.1	.4	.6	.8	.8	.1												65	65											
56/ 55					.2	.3	.8	.9	1.0	.5													84	84											
54/ 53		.1		.0	.2	.4	1.1	1.3	.4	.1													85	85	5										
52/ 51		.0	.0	.1	.4	.8	1.8	1.4	.4														111	111	4	5									
50/ 49	.0	.2	.0	.2	.8	1.2	1.9	.9	.3														123	123	14	1									
48/ 47		.2	.0	.3	1.3	2.5	2.3	.6	.1														163	163	35	3									
46/ 45	.0		.1	.7	1.7	2.1	1.1	.2	.0														134	134	61	11									
44/ 43	.0	.2	.2	.8	2.2	1.8	.7	.2															137	137	95	6									
42/ 41		.2	.4	.9	1.4	2.1	.4	.0															126	126	145	12									
40/ 39		.3	.7	2.0	2.7	1.1	.4																159	159	198	22									
38/ 37		.5	.9	2.8	1.3	.7	.1																141	141	219	25									
36/ 35	.0	.5	1.5	2.5	.9	.3	.1																130	130	239	53									
34/ 33	.3	1.0	1.2	1.6	.9	.2																	115	115	198	61									
32/ 31	.2	.9	1.3	1.7	.5	.1																	104	104	256	99									
30/ 29	.1	.5	1.5	.9	.3	.0																	76	76	148	155									
28/ 27	.3	1.3	1.3	.8	.2	.0																	88	88	135	156									
26/ 25	.3	1.1	1.2	.2	.0																		63	63	127	201									
24/ 23	.2	.7	.5	.4	.0																		42	42	89	204									
22/ 21	.3	.7	.3	.3																			35	35	66	212									
20/ 19	.4	.8	.3	.0																			34	34	43	195									
18/ 17	.2	.6	.3																				23	23	38	176									
16/ 15	.3	.6	.2																				25	25	31	150									
14/ 13	.1	.4	.1																				14	14	20	113									
12/ 11	.2	.4	.0																				14	14	17	91									
10/ 9	.1	.2																					7	7	11	76									
8/ 7	.1	.1																					4	4	7	50									
6/ 5	.0	.4																					10	10	7	33									
4/ 3	.0	.0																					2	2	6	26									
Element (X)	Σ X ²		Σ X		Σ		Σ X		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

43-46; 52-72

JAN
MONTH

PAGE 2 0900-1100
HOURS (11-5-7-1)

[illegible]

0-26-5 (01 A)

USAFETAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOYIS

43-45, 52-72

JAN

PAGE 1 1200-1400

1200-140
HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1500-1700
HOURS (L. S. T.)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23000 CANNON AFB NEW MEXICO/CLOVIS 43-46,52-72

JAN

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
66/ 65												.0						1	1					
64/ 63										.0	.0							2	2					
62/ 61							.0	.0	.1	.1	.0	.0						9	9					
60/ 59						.1	.1	.2	.2	.3	.1							22	22					
58/ 57						.1	.2	.4	.2	.3								20	28					
56/ 55				.0	.1	.1	.3	.4	.7	.4								43	43					
54/ 53		.0		.0	.0	.2	.8	.9	.5	.1								57	57					
52/ 51		.0		.1	.3	.7	1.0	.8	.8	.1								86	86	1				
50/ 49		.2	.0	.2	.7	1.0	1.5	.9	.3	.0								111	111	9				
48/ 47			.1	.5	.9	1.0	1.3	1.2	.2									114	114	14				
46/ 45		.0	.1	.9	1.5	1.7	2.0	.6	.0									155	155	23				
44/ 43		.2	.2	1.1	2.0	2.6	1.2	.2										168	168	54				
42/ 41		.1	.3	1.9	2.5	1.9	.5	.2	.0									166	166	108				
40/ 39		.4	.8	2.2	2.5	2.2	.3	.1										187	187	137				
38/ 37	.0	.5	1.0	2.2	1.7	1.3	.3											157	157	177				
36/ 35	.2	.4	1.8	2.2	1.8	.9	.0											166	166	245				
34/ 33	.0	.9	2.2	1.7	.9	.3	.0											134	134	262				
32/ 31	.1	1.5	1.5	1.6	.9	.2												131	131	256				
30/ 29	.3	1.7	1.2	1.4	.4	.1												114	114	250				
28/ 27	.1	1.3	1.0	.8	.2	.1												79	79	172				
26/ 25	.3	1.3	1.0	.4	.1													70	70	130				
24/ 23	.1	.7	.4	.4	.0													38	38	110				
22/ 21	.2	.5	.4	.2														31	31	65				
20/ 19	.2	.6	.2	.0														28	28	44				
18/ 17	.2	.9	.3	.2														34	34	43				
16/ 15	.1	1.0	.1															27	27	34				
14/ 13	.3	.5	.0															18	18	28				
12/ 11	.2	.3	.1															14	14	20				
10/ 9	.0	.3	.1															10	10	10				
8/ 7	.0	.4	.1															12	12	10				
6/ 5		.3																6	6	13				
4/ 3		.1																2	2	3				
2/ 1		.2																5	5	4				
0/ -1		.1																2	2	4				
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JAN
MONTH

STATION

STATION NAME

YEARS

MONTH

1800-2000

1099-200
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

YEARS

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
58/ 57						.0			.0									2	2						
56/ 55						.1	.2	.1	.0	.1								12	12						
54/ 53						.0	.0	.4	.2	.1								17	17						
52/ 51				.2	.1	.2	.5	.1	.2									28	28						
50/ 49	.0	.1	.0	.1	.2	.8	.4	.4	.1									51	51	2	1				
48/ 47	.1	.0		.4	.6	.5	.7	.2	.0									58	58	11	5				
46/ 45		.0	.1	.6	1.2	.6	1.1	.3	.1									92	92	7					
44/ 43		.4	.2	1.0	1.1	1.4	.9	.3										119	119	18	2				
42/ 41		.1	.6	.9	2.0	1.5	.4	.0										126	126	46	15				
40/ 39		.4	.9	1.9	2.6	1.4	.4	.1										172	172	91	6				
38/ 37		.3	2.1	3.2	2.0	.8	.3	.0										194	194	84	21				
36/ 35	.2	.9	2.9	3.1	1.8	.5	.0											207	207	151	27				
34/ 33	.0	1.0	3.0	3.0	1.6	.2												197	197	240	41				
32/ 31	.3	1.3	3.0	2.4	.9	.1	.0											180	180	268	94				
30/ 29	.4	2.1	2.4	2.0	.1													157	157	281	124				
28/ 27	.3	1.8	1.6	1.0	.2	.1												113	113	241	145				
26/ 25	.3	2.0	1.5	1.3	.0													115	115	207	171				
24/ 23	.4	1.7	1.7	.6	.1													102	102	133	211				
22/ 21	.2	1.3	.6	.1														48	48	97	206				
20/ 19	.4	.9	.4	.1														43	43	100	200				
18/ 17	.2	1.1	.2	.2														37	37	59	157				
16/ 15	.3	.9	.3															32	32	40	130				
14/ 13	.3	.9	.3															33	33	35	145				
12/ 11	.2	.9	.0															27	27	33	100				
10/ 9	.2	.4	.2															16	16	26	96				
8/ 7	.2	.4	.1															15	15	11	93				
6/ 5	.1	.6	.0															16	17	21	65				
4/ 3	.1	.1																5	5	12	41				
2/ 1	.1	.1																3	3	1	34				
0/ -1	.0	.2																6	6	7	21				
-2/ -3		.0																1	1	1	16				
-4/ -5		.1																2	2	3	13				
-6/ -7		.1																2	2	2	9				
-8/ -9		.0																1	1	1	9				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Ref. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46,52-72

FEB

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	Dry Bulb		Wet Bulb	Dew Point
60/ 59											.0							1	1			1	1		
58/ 57							.1				.1							5	5			5	5		
56/ 55		.1	.0			.0	.1	.1	.1	.0	.0							12	12			12	12		
54/ 53		.0	.1			.0	.1	.1	.1	.0								10	10			10	10	3	
52/ 51		.0		.0	.2	.4	.1	.1	.1									20	20			20	20	2	3
50/ 49	.1		.1	.2	.3	.6	.2	.2	.1									40	40			40	40	5	4
48/ 47		.2	.2	.1	.6	.5	.2	.1										43	43			43	43	2	3
46/ 45	.1	.2	.2	.6	.7	1.1	.4											72	73			73	18		6
44/ 43	.3	.7	.7	.7	1.3	1.3	.4											112	112			112	31		10
42/ 41	.0	.6	.6	.9	1.4	1.3	.2	.0										108	108			108	52		19
40/ 39	.1	.8	1.1	2.0	2.7	1.2	.2											168	168			168	82		19
38/ 37	.1	.6	1.4	3.0	2.7	.7	.1											164	184			184	86		42
36/ 35	.2	1.3	2.1	3.7	1.9	.1												193	193			193	135		34
34/ 33	.3	1.5	2.7	2.9	1.4	.1												186	186			186	184		65
32/ 31	.2	2.5	2.6	1.7	.7	.1												163	163			163	259		68
30/ 29	.6	2.2	2.9	2.2	.3	.0												175	175			175	275		112
28/ 27	.5	3.1	1.8	1.4	.2													144	144			144	219		133
26/ 25	.7	2.9	1.9	.8	.0													128	128			128	209		166
24/ 23	.2	2.4	.8	.4														70	79			79	155		178
22/ 21	.5	1.4	1.2	.3														71	71			71	111		219
20/ 19	.8	1.7	.7	.1														68	69			69	86		196
18/ 17	.4	1.0	.3															36	36			36	69		178
16/ 15	.3	.8	.2															27	27			27	39		145
14/ 13	.3	.1	.1															11	11			11	28		105
12/ 11	.0	.5	.0															13	13			13	10		117
10/ 9	.1	.4																10	10			10	16		66
8/ 7	.0	.3																7	7			7	10		59
6/ 5	.2	.0																5	5			5	6		44
4/ 3	.0																	1	1			1	1		27
2/ 1																									18
0/ -1																									22
-2/ -3																									18
-4/ -5																									13
-6/ -7																									3
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0300-0500
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

43-46, 52-72

FEB
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

JSAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

FFR

PAGE 1 0600-0800
HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FFB

STATION

STATION NAME

YEARS

MONTH

PAGE 2

7900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
80/ 79															.1	.1	.0		6	6															
78/ 77															.1	.0			3	3															
76/ 75											.0			.1				13	13																
74/ 73											.1	.2	.4	.7				28	28																
72/ 71									.0	.1	.4	.6	.6	.9				43	43																
70/ 69						.0		.0		.4	.3	1.0	.6	.0				51	51																
68/ 67							.0	.2	.1	.5	.8	.7	.6	.0				63	63																
66/ 65						.1	.0	.2	.4	1.2	1.0	1.4	.1					110	110																
64/ 63					.1	.1	.1	.2	.8	1.7	1.1	.7						100	100																
62/ 61					.0	.1	.0	.4	1.4	1.8	1.0	.2						104	104																
60/ 59					.1	.2	.2	1.0	2.0	1.6	1.0							130	130	1															
58/ 57						.2	.5	1.4	2.2	1.6	.6							136	136	1															
56/ 55				.2	.1	.2	1.0	2.0	2.1	.8	.1							135	135	8															
54/ 53				.1	.0	.4	1.3	1.9	2.3	.7								143	143	18															
52/ 51			.0	.0	.2	1.0	1.6	1.6	.8	.2								115	115	52															
50/ 49		.1	.1	.3	.4	1.2	1.6	1.3	1.0									127	127	78															
48/ 47		.1	.2	.2	.7	1.3	1.4	.9	.2									107	107	143															
46/ 45	.0	.1	.2	.4	.7	1.4	.9	.5										94	94	209															
44/ 43		.1	.1	.5	.9	1.1	.9	.1										78	78	209															
42/ 41		.3	.1	.4	.5	1.0	.4											57	57	238															
40/ 39		.3	.5	.8	.8	.5	.1	.0										64	64	235															
38/ 37	.0	.4	.8	1.1	.8	.5	.0											75	75	195															
36/ 35	.0	.5	.7	.8	1.0	.1												65	65	145															
34/ 33	.1	.5	.7	.7	.4	.0												51	51	142															
32/ 31		.6	.8	.7	.2	.0												48	48	119															
30/ 29	.1	.4	.7	.4	.1													37	37	70															
28/ 27	.2	.6	.5	.0	.0													28	28	81															
26/ 25	.1	.7	.1	.0														22	22	55															
24/ 23	.2	.6	.0	.1														20	20	36															
22/ 21		.3																6	6	16															
20/ 19	.0	.5	.1															13	13	10															
18/ 17	.1	.1																6	6	14															
16/ 15		.4			</																														

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46, 52-72
STATION STATION NAME

YEARS _____ MONTH _____

PAGE 2

1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

FE8
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72
YEARS

FEB
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
68/ 67										.0	.0	.0	.0	.0				4	4					
66/ 65								.1	.0	.0	.0	.0						6	6					
64/ 63									.1	.1	.2	.2						14	14					
62/ 61							.0	.1	.3	.3	.3	.1						28	28					
60/ 59							.2	.3	.8	.5	.4							46	46					
58/ 57				.0		.3	.4	.5	1.0	.4	.1							57	57					
56/ 55				.0	.1	.5	.5	1.6	.8	.6								85	85					
54/ 53			.1	.2	.2	1.2	1.5	.7	.4	.0								94	94					
52/ 51		.1	.1	.1	.2	1.0	1.8	1.1	.7									105	105	4				
50/ 49		.4	.1	.0	.5	1.2	2.8	1.7	.7									154	154	14				
48/ 47	.0	.2	.4	.1	1.1	2.6	2.7	1.5	.2									186	186	38	8			
46/ 45		.1	.4	.6	1.4	2.9	2.1	.7										171	171	60	8			
44/ 43		.3	.3	1.1	1.3	2.2	2.0	.4										158	158	84	10			
42/ 41		.2	.7	.9	2.2	1.9	.9	.1										143	143	149	16			
40/ 39		.4	.9	1.4	2.2	1.5	.5											146	146	211	20			
38/ 37	.1	.3	1.0	1.5	1.3	1.1	.3											116	116	223	32			
36/ 35		.9	1.5	1.2	1.4	.4	.0											116	116	266	46			
34/ 33	.2	.9	1.4	.9	.7	.4												94	94	233	64			
32/ 31		.9	.9	1.0	.6	.1												72	72	219	99			
30/ 29	.1	1.2	1.5	.9	.4	.0												87	87	146	134			
28/ 27	.1	1.5	.7	.5	.3													64	64	133	119			
26/ 25	.1	.8	.6	.4	.0													40	40	104	188			
24/ 23	.0	1.1	.2	.1														33	33	74	186			
22/ 21	.3	.5	.1	.2														25	25	57	206			
20/ 19	.1	.6	.0															15	15	30	179			
18/ 17	.1	.2	.0															8	8	15	131			
16/ 15	.1	.5																13	13	11	139			
14/ 13		.1	.0															4	4	10	144			
12/ 11		.3																7	7	6	82			
10/ 9		.1																2	2	5	83			
8/ 7																				1	64			
6/ 5																					38			
4/ 3																					32			
2/ 1																					29			
Element (X)	Σx^2		Σx		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23008	CANNON AFB NEW MEXICO/CLOVIS
STATION	STATION NAME

43-46, 52-72

YEARS

FE
MONTH

PAGE 2 1800-2000
HOURS (L - S - T.)

[illegible]

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS
STATION STATION NAME

43-46, 52-72

FER
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-6/-7																							
TOTAL	4.0	18.1	16.6	18.5	17.5	14.2	7.4	2.1	1.1	.4	.1									2094	2093		
																		2093		2093	2093		

USAFETAC
FORM
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS
STATION STATION NAME

43-46, 52-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-6 / -7																						7	
-8 / -9																						1	
TOTAL	4.7	23.6	21.2	17.0	14.7	10.7	4.9	2.4	.4	.3	.0							2304	2304	2304	2304		

PSYCHROMETRIC SUMMARY

YEARS

MAR
MON (M)

PAGE 2

0600-0800
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46,52-72

MAR

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-5	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
88/ 87																			.0	1	1			
86/ 85																			.0	1	1			
80/ 79														.1						7	7			
78/ 77															.1	.1				6	6			
76/ 75												.2	.1		.3					12	12			
74/ 73											.0	.1	.1	.1	.3	.0				15	15			
72/ 71										.2	.0	.2	.4	.4	.3					38	38			
70/ 69								.2	.2	.3	.2	.6	1.0	.1						59	59			
68/ 67								.1	.2	.4	.9	1.3	.3							75	75			
66/ 65						.1	.0	.0	.2	.5	1.3	1.0	.0							75	75			
64/ 63				.0	.1	.2	.2	.3	.8	.8	1.6	.6								103	103			
62/ 61			.0	.0	.1	.2	.8	1.0	1.6	.3	.1									108	108			
60/ 59				.1	.1	.3	.6	1.1	1.4	1.9	.6									143	143			
58/ 57			.0	.1	.3	.6	.8	1.2	1.4	1.6	.0									137	137	3		
56/ 55			.2	.1	.2	.6	1.0	1.7	1.9	.6	.1									148	148	19		
54/ 53			.1	.3	.7	1.0	1.2	1.7	.9	.5										147	147	30		
52/ 51		.1	.1	.3	.8	1.0	1.1	1.4	.8	.0										132	132	61		
50/ 49		.0	.1	.3	.8	1.4	2.1	1.7	.4											157	157	85		
48/ 47		.0	.3	.4	1.0	1.3	1.6	1.0	.1											130	130	166		
46/ 45		.2	.1	.5	1.0	1.1	1.2	.5	.1											111	111	219		
44/ 43	.0	.2	.3	.5	1.1	.5	1.2	.3												95	95	244		
42/ 41	.1	.2	.4	.8	.8	.9	.4	.0												83	83	233		
40/ 39	.2	.6	.8	.6	1.1	.7	.2													96	96	244		
38/ 37	.1	.0	.5	.8	1.1	.4	.0	.0												88	88	216		
36/ 35	.2	.3	.6	.6	.5	.3	.1													62	62	187		
34/ 33	.0	.3	.6	.5	.4	.2														52	52	121		
32/ 31	.1	.7	.5	.5	.3															49	49	135		
30/ 29	.1	1.0	.7	.1	.3															50	50	94		
28/ 27	.2	.6	.4	.3	.0															38	38	74		
26/ 25	.0	.8	.4	.1	.0															34	34	59		
24/ 23	.1	.3	.4	.2																22	22	43		
22/ 21	.0	.3	.3																	13	13	28		
20/ 19		.2	.2																	10	10	22		
18/ 17	.0	.2																		6	6	13		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total			
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAR

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
90/ 89																		.0	1	1				
88/ 87																		.1	2	2				
86/ 85																		.0	4	4				
84/ 83														.1	.1	.2			8	8				
82/ 81													.0	.0	.2	.6	.0	20	20					
80/ 79											.0	.0	.1	.6	.2			23	23					
78/ 77												.0	.4	.6	.7			41	41					
76/ 75											.1	.3	.5	1.1	1.6	.3		90	90					
74/ 73												.0	.3	.7	1.8	.4		84	84					
72/ 71								.0	.1	.0	.3	.9	2.3	1.2	.1			114	114					
70/ 69								.1	.2	.5	.7	2.1	2.1	.3				141	141					
68/ 67							.1	.0	.1	.2	.9	1.5	2.4	1.3	.0			154	154					
66/ 65							.1	.1	.1	.6	1.2	1.6	1.7	.2				131	131					
64/ 63				.0			.3	.4	.7	1.7	1.8	.7	.2	.0				135	135					
62/ 61					.0	.3	.2	.6	1.2	2.2	1.7	.3	.0					152	152					
60/ 59					.1	.0	.3	.4	.8	1.9	2.5	1.3	.1					171	171	2				
58/ 57				.1	.1	.0	.6	.7	1.6	1.7	.7							127	127	11				
56/ 55			.0	.0	.0	.6	.6	1.2	1.4	1.0	.2							118	118	23				
54/ 53				.0	.0	.3	.9	1.3	.9	.4	.0							92	92	66				
52/ 51			.1	.2	.1	.4	1.5	1.0	.8	.0								97	97	105				
50/ 49			.1	.1	.2	.6	1.0	.9	.7	.1								85	85	185				
48/ 47		.1	.3	.4	.7	.5	.4	.4	.1									67	67	317				
46/ 45		.0	.1	.4	.4	.6	.4	.4	.1									57	57	306				
44/ 43		.1	.4	.5	.4	.7	.4	.2										64	64	246				
42/ 41	.0	.2	.3	.3	.3	.5	.4	.1										48	48	222				
40/ 39	.3	.4	.2	.2	.5	.5	.1											50	50	222				
38/ 37		.3	.3	.6	.3	.2	.1											45	45	155				
36/ 35	.1	.0	.3	.6	.3	.1												33	33	94				
34/ 33	.2	.4	.4	.4	.2	.0												38	38	77				
32/ 31	.0	.3	.5	.2	.1													29	29	87				
30/ 29	.0	.4	.4	.3	.1													30	30	61				
28/ 27		.6	.2	.3	.1													32	32	48				
26/ 25	.0	.2	.1	.1	.0													10	10	33				
24/ 23	.0	.2	.1	.0														9	9	23				
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
RUL 6A
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

HOURS (L. S. T.)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry B. lb	Wet Bulb	Dew Point	
20/ 19			.0															1	1	5	193	
18/ 17			.1															2	2	2	208	
16/ 15																				3	193	
14/ 13																					143	
12/ 11																					119	
10/ 9																					99	
8/ 7																					60	
6/ 5																					38	
4/ 3																					34	
2/ 1																					25	
0/ -1																					13	
-2/ -3																					11	
-4/ -5																					10	
-6/ -7																					9	
-8/ -9																					8	
-10/-11																					1	
-12/-13																					2	
TOTAL	3.3	3.8	3.5	3.7	4.3	4.5	6.0	7.6	10.9	11.1	11.4	10.4	8.6	7.6	4.5	1.6	.2		2303		2303	
																		230?		2303		

PSYCHROMETRIC SUMMARY

MAR

2100-230
HOURS (1 - 5 P.M.)

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS
STATION STATION NAME

43-46, 52-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 2100-2300

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43-46, 52-72

APR

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

0-26-5 (QLA)

USAFETAC

PSYCHROMETRIC SUMMARY

23000 CANNON AFB NEW MEXICO/CLOVIS
STATION STATION NAME

43-46, 52-72

APR
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (h, s, m)

PSYCHROMETRIC SUMMARY

APR
MONTH

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

MONTH

1200-1400
MC 125 (1, 5, 1)

JSAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

63-46,52-72

YEARS

APR

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point							
94/ 93																	.0							1	1		
92/ 91																	.0							6	6		
90/ 89																	.1							9	9		
88/ 87																	.1							14	14		
86/ 85														.1		.1	.8							50	50		
84/ 83														.1	.2	.8	1.9							83	83		
82/ 81									.0			.0	.1	.3	1.7	2.8	.3							119	119		
80/ 79								.1	.1	.1	.3	.4	1.1	2.1	1.9	.2								143	143		
78/ 77								.0	.4	.4	.4	.9	1.0	2.2	3.7	.5								188	188		
76/ 75								.0	.4	.4	.9	1.2	3.4	1.9	.1									186	186		
74/ 73								.1	.0	.3	.4	1.2	2.3	3.0	.5									176	176		
72/ 71						.0	.1	.0	.2	.9	.9	1.7	2.3	1.8	.1									180	180		
70/ 69				.0	.0	.1	.4	.4	.7	1.4	2.0	1.9	.4											163	163		
68/ 67				.0	.1	.2	.4	.3	.6	1.2	2.0	1.7												144	144		
66/ 65				.1	.1	.2	.8	.3	.7	1.0	1.0	.8	.0											128	128	1	
64/ 63				.1	.1	.2	.8	.3	.7	1.0	1.0	.8	.0											111	111	6	
62/ 61		.0	.0	.1	.1	.4	.2	.4	.9	.9	.9	.3	.0											96	96	7	
60/ 59		.1	.0	.0	.1	.3	.8	.4	.6	.6	.5	.1												85	85	29	1
58/ 57		.0	.0	.2	.1	.2	.2	.2	.6	.6	.0													50	50	72	5
56/ 55		.0	.1	.1	.3	.3	.4	.5	.4	.1														49	49	143	5
54/ 53		.1	.1	.1	.5	.3	.2	.3	.3	.2														49	49	265	11
52/ 51		.1	.1	.4	.1	.3	.4	.2	.1															39	39	343	11
50/ 49		.2	.2	.1	.2	.3	.4	.3																35	35	390	19
48/ 47		.0	.1	.6	.2	.3	.2	.0																34	34	309	30
46/ 45	.0	.1	.1	.4	.4	.1	.0																	29	29	230	51
44/ 43	.0	.1	.4	.1	.1	.0	.0																	18	18	150	55
42/ 41	.3	.1	.3	.1																				18	18	102	62
40/ 39	.1		.0	.0																				5	5	84	66
38/ 37	.1	.1	.3																					11	11	55	101
36/ 35	.1		.0																					3	3	22	107
34/ 33	.0	.1																						3	3	6	107
32/ 31		.0																						1	1	8	119
30/ 29																										3	141
28/ 27																										1	153
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total						
Rel. Hum.											$\leq 0 F$		$\leq 32 F$		$\approx 67 F$		$\approx 73 F$		$\approx 80 F$		$\approx 93 F$		Total				
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23008
STATION

43-46, 52-72

APR

PAGE 1 1800-2000

200020
HOURS (L. S. T)

0.26-5 (Q2A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

APR
MONTH

2100-2300

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

2100-2300

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
8/ 7																					44	
6/ 5																					22	
4/ 3																					14	
2/ 1																					7	
0/ -1																					5	
-2/ -3																					2	
-4/ -5																					2	
-8/ -9																					1	
TOTAL	1.3	7.3	7.9	7.1	9.3	11.8	13.5	11.3	11.2	9.6	6.1	2.6	1.0	.0					2233		2233	
																		2233		2233		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46,52-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75							.0											1	1					
74/ 73									.0	.1								3	3					
72/ 71					.0		.0	.1	.1	.1	.1	.1						14	14					
70/ 69			.1	.0	.1	.1	.2	.2	.3	.2	.3	.0						37	37					
68/ 67			.1	.0	.4	.7	.6	.9	.2	.5	.3							85	85					
66/ 65			.1	1.1	.8	.7	.6	.8	.4	.6	.5	.0						131	131	3	2			
64/ 63	.1	.1	.3	1.3	1.1	.9	.9	1.0	.7	.7	.2							167	167	7	2			
62/ 61		.6	.7	1.2	1.3	1.6	.9	1.1	1.1	.8	.1	.0						221	221	18	10			
60/ 59	.0	.9	1.1	1.9	1.2	1.4	1.1	1.9	1.3	.8	.3	.1						276	276	67	21			
58/ 57	.0	1.6	1.7	1.8	1.5	1.1	.8	1.4	1.0	.6	.0							264	264	123	45			
56/ 55	.1	3.2	1.9	2.0	1.0	.8	1.0	.9	1.0	.6								288	288	192	76			
54/ 53	.1	1.3	1.5	1.3	1.5	1.1	1.4	.6	.4	.3								224	224	251	138			
52/ 51	.2	1.4	1.0	.8	.6	1.0	.7	.4	.2									148	148	238	185			
50/ 49	.3	1.1	1.0	1.1	.8	1.0	.5	.3	.1									144	144	266	161			
48/ 47	.0	.8	1.2	.5	.4	.6	.4	.2										97	97	203	150			
46/ 45	.0	1.3	.9	.5	.3	.3	.2	.2										87	87	241	177			
44/ 43		.3	.3	.5	.2	.2		.1										38	38	221	136			
42/ 41		.4	.1	.3	.2	.1												26	26	166	153			
40/ 39		.3	.4	.5		.1												30	30	127	132			
38/ 37		.1	.4			.0	.0											15	15	84	98			
36/ 35	.0	.2	.1	.0	.1	.0												12	12	58	86			
34/ 33		.0	.1															4	4	26	106			
32/ 31																				11	120			
30/ 29																				5	113			
28/ 27																				3	61			
26/ 25																				2	70			
24/ 23																					62			
22/ 21																					43			
20/ 19																					38			
18/ 17																					21			
16/ 15																					18			
14/ 13																					19			
12/ 11																					17			
10/ 9																					11			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATIC

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72

YEARS

MAY
MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
8 / 7																						8
6 / 5																						9
4 / 3																						1
-2 / -3																						3
TOTAL	1.1	13.9	13.1	14.9	11.6	11.9	9.4	10.0	7.0	5.1	1.7	.3						2312	2312		2312	
																		2312	2312			
											</											

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS
STATION STATION NAME

43-46, 52-72

4AY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46,52-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
82/ 81																					3	3		
80/ 79									.1	.0	.0	.0	.0	.2	.1						9	9		
78/ 77								.1	.1	.1	.1	.1	.2	.2	.0						18	18		
76/ 75							.1	.1	.2	.3	.3	.3	.3	.1	.0						34	34		
74/ 73						.2	.1	.3	.2	.6	.1	.4	.3	.2							56	56		
72/ 71		.0		.1	.4	.3	.5	.3	.3	.3	.5	.2									75	75		
70/ 69		.1	.1	.5	1.0	.9	.3	.5	.6	.7	.3	.2									116	116		
68/ 67		.1	.2	1.0	1.1	1.0	.5	.6	.5	.7	.3	.0									145	145	1	
66/ 65	.0	.2	.9	1.1	2.0	.9	.5	.7	.7	.4	.1	.0									173	173	5	2
64/ 63	.3	.7	1.3	1.4	.7	1.2	.5	.6	.3	.2	.0										167	167	23	3
62/ 61	.2	1.1	1.6	1.6	1.2	1.0	.8	1.0	.5	.4											218	218	65	12
60/ 59	.9	1.6	2.2	1.6	1.4	1.2	1.2	.8	.5												262	262	133	30
58/ 57	1.1	1.5	1.6	1.4	1.0	1.0	.9	.3	.2												204	204	186	78
56/ 55	.1	1.6	1.9	.9	1.1	1.0	.5	.5	.1												199	202	246	127
54/ 53	.2	1.6	1.0	.7	.9	.5	.7	.4	.3												145	145	247	148
52/ 51	.3	1.1	1.0	.7	.9	.5	.3	.3	.1												122	122	274	215
50/ 49	.4	.9	1.3	.7	.8	.6	.2	.2													118	118	253	197
48/ 47	.1	.8	.8	.6	.3	.4	.2	.1													77	77	213	148
46/ 45	.2	.8	.6	.5	.3	.3	.0	.1													63	63	208	128
44/ 43	.7	.5	.4	.2	.1	.0															45	45	147	168
42/ 41	.2	.2	.3	.3		.0															23	23	122	131
40/ 39	.0	.2	.1	.1	.0																12	12	75	120
38/ 37	.0	.0	.1	.2		.0															9	9	50	130
36/ 35	.0	.1	.2	.0	.0																10	10	21	91
34/ 33		.0																			1	1	19	107
32/ 31																							14	111
30/ 29																							2	94
28/ 27																							1	48
26/ 25																							1	54
24/ 23																								36
22/ 21																								41
20/ 19																								21
18/ 17																								19
16/ 15																								15
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
L'SAFETAC JUL 64

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

YEARS

MONTH

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
14/ 13																						10										
12/ 11																						11										
10/ 9																						5										
8/ 7																						1										
6/ 5																						2										
4/ 3																						2										
0/ -1																						1										
TOTAL	1.4	10.7	13.1	13.2	13.4	12.2	10.3	7.5	6.2	4.5	3.2	2.1	1.3	.7	.2				2306		2306											

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS
STATION STATION NAME

43-46, 52-72

MAY

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43-46, 52-72

MAY
MONTH

PAGE 2 0900-1100
HOURS 11 S.T.

SAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS
STATION STATION NAME

43-46, 52-72

MAY
MONTH

PAGE 2 1200-1400

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY

STATIGN

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
28/ 27																						169											
26/ 25																						148											
24/ 23																						99											
22/ 21																						73											
20/ 19																						62											
18/ 17																						33											
16/ 15																						20											
14/ 12																						23											
12/ 11																						9											
10/ 9																						7											
8/ 7																						3											
6/ 5																						5											
4/ 3																						1											
TOTAL	2	1.2	1.8	2.6	2.4	4.1	3.4	4.4	5.2	6.5	7.2	7.1	7.8	10.7	9.8	10.4	15.3		2307		2307												
																		2307		2307													

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2633499	64439	27.9	19.008	2306							
Dry Bulb	13904669	177679	77.0	9.774	2307			78.9	66.4	44.5	1.9	93
Wet Bulb	7647217	127039	55.1	4.730	2307			.4	.1			93
Dew Point	3361543	84079	36.4	11.354	2307		38.1	.0				93

USAFETAC FORM 0-26-5 (CLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
98/ 97																	.0	1	1																
94/ 93																	.0	1	1																
92/ 91																	.0	2	2																
90/ 89														.0	.0	.0	.0	12	12																
88/ 87													.0	.0	.0	.3	.7	24	24																
86/ 85												.0	.2	.2	.2	.3	.8	41	41																
84/ 83											.2	.1	.3	.3	.7	1.3	.3	75	75																
82/ 81								.0	.1	.3	.3	.4	.8	1.4	1.0	.3	108	108																	
80/ 79				.0	.0		.2	.2	.5	.6	.7	1.2	1.4	1.4	.3		121	121																	
78/ 77						.0	.1	.3	.6	.6	1.0	1.2	1.2	1.4	.1		151	151																	
76/ 75					.0	.0	.4	.6	.6	1.2	1.2	1.3	1.4	.7			172	172																	
74/ 73				.0	.3	.1	.5	.9	1.0	1.3	1.3	1.6	1.3				190	190																	
72/ 71			.0	.2	.3	.5	.8	1.0	1.3	1.5	1.3	1.5	.6				207	207	1																
70/ 69			.3	.4	.7	1.2	1.4	1.2	1.4	1.4	.9						204	204	1																
68/ 67		.0	.3	.5	.7	1.0	1.1	1.3	1.2	1.0	.4						197	197	2																
66/ 65	.1	.3	.6	.3	.9	1.1	.9	.6	.8	.8	.6	.1					164	164	12																
64/ 63		.3	.5	.7	1.0	.7	.5	.6	.7	.2							134	134	36																
62/ 61	.0	.4	.9	.7	.7	.3	.2	.5	.4	.3	.0						104	104	82																
60/ 59	.3	.6	.6	.7	.8	.3	.3	.3	.3	.1							96	96	135																
58/ 57	.5	.6	.6	.3	.4	.3	.2	.1	.1	.1							77	77	209																
56/ 55	.0	.6	.7	.4	.4	.0	.0	.2	.0								68	68	333																
54/ 53	.1	.4	.5	.1	.3	.1	.1	.3	.0	.0							49	49	384																
52/ 51	.0	.6	.3	.2	.2	.2		.0									37	37	341																
50/ 49	.2	.3	.3	.3	.2	.1	.0		.0								34	34	288																
48/ 47		.3	.1	.1	.2	.2											20	20	200																
46/ 45		.2	.1	.1	.1	.0											11	11	134																
44/ 43		.1	.3	.0													11	11	67																
42/ 41			.0														1	1	45																
40/ 39																			30																
38/ 37			.0														1	1	9																
36/ 35	.0	.0															2	2	2																
34/ 33																			4																
32/ 31																																			
30/ 29																																			

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-4652-72

YEARS

MAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
80/ 79												.0		.1			.0				4	4			
78/ 77									.0			.2	.2	.0	.2	.1					18	18			
76/ 75						.1		.1	.3	.1	.3	.2	.3	.0							33	33			
74/ 73						.1	.2	.2	.3	.3	.3	.6	.4	.2							61	61			
72/ 71					.1	.1	.5	.7	.7	.3	.6	.6	.6	.1							102	102			
70/ 69				.0	.3	.4	.8	.5	1.4	.0	.5	1.0	.1	.0							135	135			
68/ 67			.0	.1	.8	.8	1.1	1.0	1.3	1.6	1.0	.8	.4								207	207			
66/ 65		.3	.2	.5	.9	1.4	1.0	1.0	1.3	1.3	1.6	1.0	.0								243	243	5		
64/ 63		.3	.6	.6	1.2	1.5	2.0	1.1	1.0	1.4	.9	.5									252	252	12	4	
62/ 61		.5	.7	1.3	1.3	1.3	1.3	1.1	1.1	1.3	1.1										258	250	37	10	
60/ 59		.3	1.3	1.9	1.0	.9	1.2	1.1	1.1	.9	.5										254	236	94	25	
58/ 57		1.3	1.0	1.0	1.1	.9	.4	1.0	.6	.5	.1										186	184	155	41	
56/ 55		1.1	1.0	1.0	1.0	.8	.4	1.1	.5	.3											163	163	230	75	
54/ 53	.3	.9	1.1	.4	.6	.5	.3	.5	.2												114	114	268	117	
52/ 51	.2	.5	.8	.6	.5	.3	.3	.2	.1												91	81	276	160	
50/ 49	.2	.6	.7	.7	.2	.6	.2	.1													75	75	284	171	
48/ 47		.4	.9	.2	.5	.2	.2	.3													63	63	252	136	
46/ 45		.4	.3	.4	.1			.1													30	30	235	158	
44/ 43	.0	.2	.1	.3	.1	.1															20	20	180	144	
42/ 41		.1	.3	.3	.0		.0														16	16	123	135	
40/ 39			.2	.1																	6	6	79	130	
38/ 37		.0	.1																		3	3	35	107	
36/ 35		.1																			3	3	21	108	
34/ 33		.0																			1	1	13	96	
32/ 31																							3	106	
30/ 29																								87	
28/ 27																								91	
26/ 25																								99	
24/ 23																								57	
22/ 21																								54	
20/ 19																								44	
18/ 17																								47	
16/ 15																								32	
14/ 13																								24	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
12/ 11																					22	
10/ 9																					17	
8/ 7																					7	
6/ 5																					4	
4/ 3																					1	
2/ 1																					1	
TOTAL	.6	7.0	9.4	9.5	9.7	10.0	10.1	10.0	9.8	8.9	7.3	4.8	2.1	.6	.1	.0		2310	2310	2310	2310	
				</																		

FORM
JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

YEARS

JUN
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
82/ 81													.0					1	1						
80/ 79						.0		.0	.1	.2		.0	.0					12	12						
78/ 77						.0	.1	.4	.3	.3	.1	.4						37	37						
76/ 75					.2	.4	.6	.8	.8	.4	.2	.0	.1					76	76						
74/ 73				.2	.5	1.2	1.2	1.5	.9	.5	.3	.0		.0				138	138						
72/ 71				.4	1.0	2.3	2.1	1.2	.6	.4	.3	.1	.0					184	184						
70/ 69			.4	2.0	2.5	2.5	1.9	.9	.7	.6	.1	.1	.1					258	258	1					
68/ 67		.2	2.0	2.4	2.8	1.7	1.7	.7	.4	.7	.3	.2						288	288	11					
66/ 65		.9	3.2	2.9	2.1	1.3	.7	.5	.7	.6	.7	.1						305	305	67	5				
64/ 63		1.3	2.6	2.5	2.2	1.1	.8	.5	.5	.5	.2	.0						270	270	229	50				
62/ 61		.9	2.4	1.5	.8	.8	.3	.5	.9	.4	.2							186	186	322	156				
60/ 59	.1	1.5	2.0	1.3	.4	.5	.7	.4	.3	.3								160	160	354	172				
58/ 57	.1	1.5	1.5	.5	.6	.2	.2	.3	.3	.1								119	118	321	266				
56/ 55	.1	1.3	.5	.6	.1	.2	.4	.0	.1									76	76	277	294				
54/ 53	.1	.7	.6	.4	.2	.1	.1	.0	.1									50	50	169	253				
52/ 51		.1	.4	.3	.0	.1	.1	.1										27	27	117	229				
50/ 49		.0	.2	.1	.1													10	10	103	146				
48/ 47		.0	.1	.0		.0												5	5	81	90				
46/ 45			.1															2	2	81	86				
44/ 43																				30	79				
42/ 41																				27	62				
40/ 39																				8	53				
38/ 37																				3	30				
36/ 35																					34				
34/ 33																					31				
32/ 31																					36				
30/ 29																					28				
28/ 27																					26				
26/ 25																					21				
24/ 23																					12				
22/ 21																					19				
20/ 19																					10				
18/ 17																					10				
16/ 15																					4				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-20-5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
78/ 77								.0										1	1													
76/ 75						.0	.0	.1	.0		.1	.0						8	8													
74/ 73				.0	.0	.2	.4	.4	.2	.4	.0		.0					39	39													
72/ 71			.1	.1	.5	.8	.7	.2	.5	.1								65	65													
70/ 69		.1	.5	.9	2.4	2.2	.9	.2	.3	.1		.0						166	166													
68/ 67		.1	2.0	2.4	3.5	1.7	.9	.5	.2	.0								250	250	8												
66/ 65		1.1	2.6	3.2	2.9	1.5	.5	.4	.2	.2	.1	.1						280	280	28	10											
64/ 63	.1	2.8	4.5	2.6	1.9	1.7	.5	.2	.5	.3	.2							338	338	143	51											
62/ 61	.0	2.2	5.0	2.6	1.1	1.0	.5	.7	.6	.2								309	309	295	137											
60/ 59	.1	2.9	3.3	1.9	1.1	.6	.7	.5	.5	.2								259	259	371	181											
58/ 57	.0	2.8	2.7	1.3	.5	.4	.2	.4	.4	.0								194	194	344	290											
56/ 55	.1	2.0	1.0	.8	.6	.2	.4	.4	.2									124	124	313	325											
54/ 53	.3	1.1	.6	.5	.5	.2	.2	.2										81	81	209	278											
52/ 51		.4	.6	.3	.0	.2		.1										35	35	137	220											
50/ 49		.1	.4	.3	.1	.1	.1	.1										28	28	86	124											
48/ 47		.0	.1	.2	.1	.1	.0											15	15	89	117											
46/ 45		.1	.0	.0	.0													5	5	66	87											
44/ 43		.0	.1															4	4	54	81											
42/ 41																				34	47											
40/ 39																				15	37											
38/ 37																				7	35											
36/ 35																				2	21											
34/ 33																					24											
32/ 31																					31											
30/ 29																					20											
28/ 27																					19											
26/ 25																					9											
24/ 23																					14											
22/ 21																					5											
20/ 19																					7											
18/ 17																					5											
16/ 15																					5											
TOTAL	.7	15.8	23.6																													

FORM 0-26.5 (OL A)

WZ01

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point													
102/101																		.0	1	1													
100/ 99																		.0	1	1													
98/ 97																		.2	4	4													
96/ 95																		.5	16	16													
94/ 93															.1	.2	.2	.5	23	23													
92/ 91												.2	.0	.5	.7	.6	.6	.6	62	62													
90/ 89											.1	.0	.2	.7	.7	.5	.4	.9	78	78													
88/ 87									.1	.2	.6	1.6	1.2	.7	.7	.5	.5	.5	135	135													
86/ 85								.0	.4	.5	2.0	2.0	1.4	1.1	.9	.7	.4	.4	208	208													
84/ 83								.1	1.1	2.0	2.5	1.8	1.0	.9	.7	.5	.1	.1	239	239													
82/ 81							.1	.9	2.1	2.8	1.3	1.0	.9	.5	.5	.3			230	230													
80/ 79						.2	.6	2.0	2.4	1.9	1.1	1.0	.5	.6	.5				234	234													
78/ 77					.0	.5	1.8	2.3	1.5	1.2	.8	.5	.4	.5	.1	.0			214	214													
76/ 75				.1	.5	1.4	1.7	1.5	1.2	.8	.3	.2	.2	.1					178	178													
74/ 73			.2	1.1	1.5	1.3	.9	.7	.5	.2	.1	.2							147	147													
72/ 71			.5	1.1	1.9	.8	.5	.5	.3	.1	.1								129	129		9											
70/ 69		.0	.1	.6	1.1	.6	.1	.3	.3	.2	.1	.1	.0						81	81	41												
68/ 67			.4	.6	.8	.2	.2	.1	.2	.2	.0								62	62	169	7											
66/ 65	.0	.0	.1	.4	.2	.2	.4	.2	.0	.0	.0	.0							39	39	418	17											
64/ 63		.2	.3	.4	.3	.1	.3	.1	.0										38	38	441	72											
62/ 61		.1	.1	.1	.0	.1	.1	.1	.0										17	17	347	132											
60/ 59		.3	.5	.2	.2	.2	.1		.0										33	33	243	201											
58/ 57		.1	.1		.1	.1	.2												13	13	188	255											
56/ 55		.5	.1	.0	.0	.0													15	15	131	251											
54/ 53		.0			.0														2	2	112	239											
52/ 51			.0		.0														2	2	54	167											
50/ 49					.0														1	1	20	120											
48/ 47																					18	141											
46/ 45																					5	111											
44/ 43																					4	80											
42/ 41																						71											
40/ 39																						66											
38/ 37																						48											
36/ 35																						44											
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature																						
Rel. Hum.											$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total										
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0900-1100
HO:IRS (L.S.T.)

[illegible]

0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
106/105																			.1	2	2				
104/103																			.0	1	1				
102/101																			.2	5	5				
100/99																		.0	1.5	34	34				
98/97															.0	.0		.4	1.3	51	51				
96/95														.0	.2	.4	.7	3.0	97	97					
94/93											.0			.1	.8	1.3	1.8	3.0	154	154					
92/91												.2	1.0	2.0	1.7	1.5	2.8	2.5	201	201					
90/89										.1	.0	1.5	1.8	2.8	2.5	1.4	2.5	2.5	277	277					
88/87									.0	.2	1.2	2.5	2.7	1.3	1.0	.7	1.4	2.5	250	250					
86/85									.4	1.0	1.5	2.3	1.9	1.7	.7	.8	.7	2.4	242	242					
84/83								.1	1.0	1.0	2.2	1.5	1.0	1.0	.5	.5	.2	1.9	199	199					
82/81							.1	.8	.7	1.8	1.1	.9	.5	.4	.4	.4	.3	1.5	151	151					
80/79						.0	.4	1.3	1.1	1.2	.7	.5	.2	.0	.3	.0	.0	1.2	129	129					
78/77						.5	.8	.9	.9	.8	.8	.5	.1	.1	.2				111	111					
76/75			.1	.2	.6	.8	.8	.4	.4	.3	.1	.1							83	83					
74/73				.2	.5	.9	.3	.2	.2	.1	.0								53	53	2				
72/71				.1	.2	.3	.4	.3	.2	.0	.0	.0							34	34	5				
70/69		.1		.3	.2	.1	.2	.2	.2	.1	.0	.0							32	32	53				
68/67			.0	.1	.2	.1	.1	.3	.0	.1	.0								25	25	256	5			
66/65			.0	.1	.4	.1	.2	.0	.1	.0									24	24	375	8			
64/63		.1	.1	.1	.0	.0	.0	.1	.1										16	16	467	28			
62/61		.0	.1	.0			.0												5	5	351	86			
60/59		.0	.4	.0				.1											13	13	257	116			
58/57		.0	.0	.1															4	4	186	143			
56/55		.1	.1																5	5	127	197			
54/53		.0																	1	1	71	223			
52/51																					30	209			
50/49																					12	162			
48/47																					5	153			
46/45																					2	142			
44/43																						122			
42/41																						108			
40/39																						86			
Element (X)	Σ x ¹	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1200-1400
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

JUN
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
104/103																		.0	1	1				
102/101																		.6	14	14				
100/99																		1.2	27	27				
98/97															.0	.0	.5	3.4	86	86				
96/95											.0				.1	.5	.8	4.4	127	127				
94/93													.1		.5	1.4	1.4	4.4	169	169				
92/91												.3	1.0	1.2	2.1	2.0	4.0	236	236					
90/89									.0	.0	.1	1.0	1.9	3.7	2.0	1.6	3.3	302	302					
88/87										.2	.5	1.4	2.6	1.8	1.4	.8	1.3	220	220					
86/85									.2	.8	1.8	2.5	2.1	1.4	1.0	.9	.5	247	247					
84/83							.0	.0	.6	1.0	1.6	1.6	.9	.4	.5	.6	.2	167	167					
82/81							.0	.5	.6	1.0	1.3	1.1	.7	.4	.5	.5		144	144					
80/79							.5	.5	1.3	1.0	.5	.7	.3	.2	.1			112	112					
78/77						.1	.7	.6	.6	.5	.4	.1	.1	.1				73	73					
76/75				.0	.0	.4	.6	.6	.1	.4	.3	.1	.1	.0				60	60	1				
74/73					.2	.4	.5	.1	.2	.3	.3	.0		.0				46	46	1				
72/71				.1	.3	.4	.0	.3	.2	.0	.1	.1						37	37	5				
70/69			.1	.2	.1	.1	.1	.2	.1	.1		.0						28	28	41				
68/67		.1	.3	.3	.1	.1	.1	.4	.0	.0	.1							35	35	168				
66/65			.3	.0	.4	.1	.0	.0	.0	.1								22	22	342				
64/63		.2	.2	.4	.0	.0		.0										20	20	495				
62/61		.0	.1	.2														8	8	390				
60/59			.4		.0		.0	.0										12	12	300				
58/57		.0				.0												2	2	218				
56/55		.1	.2	.0														8	8	132				
54/53		.0																1	1	71				
52/51																				26				
50/49																				5				
48/47																				7				
46/45																				2				
44/43																								
42/41																								
40/39																								
38/37																								
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

23008
STATO

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

42-46; 52-72

YEARS

JUN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]0-26-5 (01-A) FORM
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46,52-72

JUN
MONTH

STATION

STATION NAME

YEARS

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
100/ 99																	.1	3	3						
98/ 97																	.2	5	5						
96/ 95															.1	.1	.1	9	26	26					
94/ 93															.0	.0	.2	10	28	28					
92/ 91													.2	.3	.7	.5	15	70	70						
90/ 89											.1	.0	.5	1.0	1.0	.7	10	95	95						
88/ 87										.0	.3	.5	1.4	1.2	.9	1.0	12	141	141						
86/ 85									.1	.1	.8	1.8	2.5	.8	.8	.6	6	176	176						
84/ 83								.0	.3	.6	2.1	2.1	1.6	.8	1.0	.7	1	206	206						
82/ 81								.3	.7	1.3	2.6	1.3	.8	.5	1.0	.6	0	198	198						
80/ 79							.6	.4	2.0	1.9	1.5	.9	1.2	.9	.7			219	219						
78/ 77					.0	.2	1.2	1.1	1.8	1.8	1.2	.6	.9	.6	.4	.1		218	218						
76/ 75					.1	.8	1.5	1.3	1.3	.8	.8	.6	.5	.5	.0			179	179						
74/ 73				.0	.6	.6	1.2	.9	.8	.3	.6	.1	.3	.2				125	125						
72/ 71			.1	.3	.4	1.2	1.1	.7	.3	.5	.5	.2	.1	.1				123	123						
70/ 69			.1	.6	1.0	.6	.5	.3	.3	.2	.0	.2						88	88	17					
68/ 67		.3	.5	.6	.7	.5	.3	.2	.2	.2	.1							77	77	77	1				
66/ 65		.1	.8	.5	.7	.3	.2	.1	.1	.0	.1							72	72	198	12				
64/ 63	.0	.4	.5	.8	.2	.3	.1	.1	.1	.0								54	54	380	42				
62/ 61		.3	.5	.3	.2	.0	.2		.0									33	33	451	93				
60/ 59		.2	.9	.0	.1	.1	.0		.1									31	31	333	111				
58/ 57		.5	.3	.2	.0		.0		.0									24	24	261	156				
56/ 55		.1	.0	.0			.0											5	5	200	199				
54/ 53		.1	.1	.0														5	5	142	188				
52/ 51																				81	215				
50/ 49			.0															1	1	34	181				
48/ 47			.0															1	1	19	169				
46/ 45																				7	130				
44/ 43																				3	84				
42/ 41																					97				
40/ 39																					87				
38/ 37																					68				
36/ 35																					53				
34/ 33																					50				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NEW MEXICO/CLAVIS
STATION NAME

43-46, 52-72

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1800-2000

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

2100-2300

2:00-2:30
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

JUL

STATION

STATION NAME

YEARS

MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL

MONTE

PAGE 1

0300-0500

HOURS (L - S - T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23000 CANNON AFB NEW MEXICO/CLOVIS

42-46252-72

JUL
MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
90/ 89														.0						1	1			
88/ 87													.0	.0						2	2			
86/ 85											.0	.0	.0	.1						6	6			
84/ 83								.0	.1	.4	.5	.2	.0							28	28			
82/ 81								.2	.7	1.0	.4	.1				.0				56	56			
80/ 79						.1	.4	1.7	2.3	1.1	.2	.0				.0				133	133			
78/ 77					.0	.3	2.1	2.4	1.3	.5	.1	.0								155	155			
76/ 75				.1	.6	4.3	3.8	2.8	1.2	.4										297	297			
74/ 73				.6	2.3	2.9	3.8	1.7	.5	.0										269	269			
72/ 71			.2	2.7	4.7	3.0	1.6	.7	.1	.0										297	297	1		
70/ 69			1.1	5.4	3.7	2.6	1.3	.4	.2											335	336	11	1	
68/ 67		.5	3.9	4.6	2.0	.7	.4	.0												277	277	84	3	
66/ 65		1.7	4.0	2.5	1.2	.3	.1	.0												221	221	472	29	
64/ 63	.3	1.5	2.4	.5	.1	.0		.0												110	110	684	205	
62/ 61	.2	1.0	1.0	.2																54	54	568	399	
60/ 59		.6	.2	.0	.0															20	21	280	494	
58/ 57		.3	.1	.0																10	10	128	430	
56/ 55		.1	.0																	3	3	31	316	
54/ 53																						12	170	
52/ 51																						2	111	
50/ 49																						1	51	
48/ 47																							37	
46/ 45																							17	
44/ 43																							5	
42/ 41																							2	
40/ 39																							2	
38/ 37																							1	
36/ 33																							1	
TOTAL	.4	5.7	12.9	16.7	14.6	14.2	13.5	10.0	6.4	3.5	1.3	.4	.2	.1	.0					2274	2276	2274	2274	

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point	
98/ 97																	.2	5	5						
96/ 95																	.1	7	7						
94/ 93																	.3	26	26						
92/ 91											.0	.2	.6	1.1	.7	.4	.1	69	69						
90/ 89									.1	.4	1.8	2.2	1.1	.7	.4	.0	.0	143	143						
88/ 87								.1	.6	2.2	3.4	2.0	.5	.1	.0			203	204						
86/ 85							.1	.0	.6	2.6	3.0	3.1	.6	.2	.1	.1		282	282						
84/ 83							.1	.6	2.7	3.2	3.3	.9	.2	.0				295	296						
82/ 81						.0	.7	2.7	4.5	3.9	.4	.4	.1					289	289						
80/ 79					.1	.5	3.0	5.1	2.9	1.0	.4							291	292						
78/ 77				.0	1.6	3.0	2.3	1.1	.1	.1								188	188						
76/ 75			.1	1.1	2.6	1.9	.6	.1										144	144						
74/ 73		.0	.0	1.6	1.9	1.1	.1	.0			.0							111	111			5			
72/ 71		.0	.7	1.3	.7	.2	.0											68	68			13	1		
70/ 69		.4	.9	1.1	.4	.0												64	64			121	3		
68/ 67	.0	.3	.8	.2														30	30			560	10		
66/ 65	.0	.2	.4	.0														26	26			836	50		
64/ 63	.2	.2	.0	.0														13	13			496	158		
62/ 61	.1	.0	.1	.0	.0													7	7			163	315		
60/ 59	.1	.0	.0	.0														5	5			52	440		
58/ 57			.0															1	1			9	426		
56/ 55																						4	351		
54/ 53																						5	203		
52/ 51																						2	113		
50/ 49																							82		
48/ 47																							48		
46/ 45																							30		
44/ 43																							15		
42/ 41																							10		
40/ 39																							2		
38/ 37																							3		
36/ 35																							3		
34/ 33																							3		
32/ 31																							1		
Element (X)	Σx'		Σx		Σ		Σx		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64

REVISOR EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0900-1100
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72

YEARS

JUL
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

434

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
32 / 31																						2
30 / 29																						2
26 / 25																						1
TOTAL	.4	1.7	3.0	5.0	5.1	6.7	7.1	9.1	11.2	10.1	10.3	8.9	9.1	6.0	3.0	1.9	1.3		2267		2267	
																		2267		2267		

FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 2-26-5 (OLA)

PSYCHROMETRIC SUMMARY

43-46, 52-72

JUL

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 0000-0200
HOURS (L S T)

[illegible]

0.26-5 (01A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23000
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

YEARS

AUG
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
88/ 87												.1						2	2						
86/ 85										.1	.1	.1	.0					9	5						
84/ 83									.1	.1	.2	.1		.0				13	13						
82/ 81						.0		.2	.7	.7	.3	.0			.0			46	46						
80/ 79						.1	.3	1.1	1.1	.7	.4		.0					85	85						
78/ 77					.0	.3	2.4	2.1	1.3	.4	.1	.0						157	157						
76/ 75					.4	1.5	2.8	1.8	.9	.3	.1	.0						182	182						
74/ 73				.5	1.9	3.0	2.7	1.0	.5	.1	.1							225	225						
72/ 71			.1	1.6	2.9	3.1	1.4	1.3	.4	.1	.0							259	259	1					
70/ 69		.2	1.0	4.6	3.3	2.4	1.2	.5	.2									308	308	9					
68/ 67		.9	3.8	3.2	2.4	1.1	.6	.2	.0									285	285	79					
66/ 65	.2	2.8	4.5	2.6	1.0	.6	.3	.1	.0									282	282	355					
64/ 63	.2	2.8	2.7	2.0	1.1	.2	.3		.1									215	215	622					
62/ 61	.1	2.0	1.6	.9	.4	.3	.2											125	125	507					
60/ 59		1.0	.9	.3	.1	.0	.1											55	55	317					
58/ 57	.0	.7	.6	.3	.0													39	39	205					
56/ 55		.4	.1	.3	.1													21	21	121					
54/ 53		.2																4	4	57					
52/ 51		.2																4	4	27					
50/ 49																				12					
48/ 47																				4					
46/ 45																									
44/ 43																									
42/ 41																									
40/ 39																									
38/ 37																									
36/ 35																									
34/ 33																									
TOTAL	.6	11.1	15.3	16.5	13.7	12.6	12.1	8.3	5.3	2.6	1.4	.4	.1	.0				2316	2316	2316					
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.	10971104		154882		66.9		16.278		2316		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total		
Dry Bulb	11285332		161090		69.6		5.903		2316						63.1		28.9		4.9				93		
Wet Bulb	8806945		142585		61.6		3.519		2316						3.6								93		
Dew Point	7631065		132465		57.2		4.859		2316						.1								93		

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46-52-72
YEARS

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL																																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																																			
104/103																		.1		3		3																																	
102/101																		.1		2		2																																	
100/99																		.3		11		11																																	
98/97														.0	.0	.3	.7	.7		40		40																																	
96/95												.1	.1	.8	1.8	1.0	.8	.8		105		105																																	
94/93											.1	.1	.8	2.3	2.3	1.4	.5	.5		174		174																																	
92/91										.1	.4	.8	2.8	3.3	2.2	1.2	.5	.5		261		261																																	
90/89									.0	.2	1.1	3.7	4.1	2.8	1.8	.7	.1	.1		338		338																																	
88/87									.2	1.2	2.2	3.7	2.5	.8	.6	.0				262		262																																	
86/85								.1	.8	2.3	3.4	2.5	1.2	.5	.2					257		257																																	
84/83							.0	.7	1.7	2.2	1.6	1.0	.5	.1						184		184																																	
82/81						.2	.3	1.7	2.2	1.9	.8	.6	.1							169		169																																	
80/79					.0	.2	1.3	1.7	1.7	1.1	.6	.2								153		153																																	
78/77					.1	.9	1.9	1.2	.6	.1	.0	.0								115		115																																	
76/75				.0	.2	1.1	.9	.7	.1	.1	.0									72		72																																	
74/73			.1	.3	.8	.6	.2	.3	.2	.0										56		56	13																																
72/71			.0	.3	.4	.3	.1	.2	.0											34		34	40																																
70/69		.0	.2	.2	.3	.2	.2													27		27	241	2																															
68/67		.3	.1	.1	.1	.1	.0													19		19	578	12																															
66/65		.3	.1	.2	.1															17		17	677	58																															
64/63	.0	.0	.2	.1																8		8	416	101																															
62/61	.0		.1		.1															6		6	219	194																															
60/59	.0				.0															2		2	99	255																															
58/57		.1																		3		3	23	335																															
56/55																							10	352																															
54/53																							2	306																															
52/51		.1																		3		3	4	235																															
50/49																								162																															
48/47																								96																															
46/45																								77																															
44/43																								64																															
42/41																								33																															
40/39																								25																															
38/37																								10																															
Element (X)	Σ X ²					Σ X					Σ					Σ					No. Obs.					Mean No. of Hours with Temperature																													
Rel. Hum.																					≤ 0 F					≤ 32 F					≥ 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Total				
Dry Bulb																																																							
Wet Bulb																																																							
Dew Point																																																							

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72
YEARS

AUG
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
104/103																	.1	2	2					
102/101																	.0	1	1					
100/ 99																	.3	12	12					
98/ 97												.0	.0	.3	.7	1.2	53	53						
96/ 95											.0	.1	.0	.2	1.6	1.9	1.3	121	121					
94/ 93											.0	.3	.3	1.8	3.2	1.9	.7	191	191					
92/ 91											.1	.7	2.3	2.8	2.8	1.8	.7	259	259					
90/ 89											.7	2.5	3.9	2.9	1.5	1.0	.2	294	294					
88/ 87								.0	.4	1.2	3.0	2.6	1.5	.7	.1	.2	.0	264	264					
86/ 85								.0	.4	1.2	3.0	2.6	1.5	.7	.1	.2	.0	221	221					
84/ 83						.0	.1	.4	1.4	2.5	1.7	1.5	.3	.1	.0			189	189					
82/ 81						.1	.3	1.2	1.6	1.9	1.4	.6		.0				166	166					
80/ 79					.0	.1	.9	2.5	1.0	1.0	.6	.0						159	159					
78/ 77				.1	.4	1.1	1.0	.5	.2	.1	.0							78	78					
76/ 75			.0	.7	1.2	.8	.7	.4	.1	.1								94	94		2			
74/ 73			.0	.3	.8	.3	.4	.2	.2	.1	.0							61	61		5			
72/ 71			.1	.4	.7	.4	.1											40	40		25			
70/ 69		.0	.5	.6	.6	.3	.1											50	50		138			
68/ 67	.0	.3	.5	.1	.2	.1												31	31		513			
66/ 65	.1	.3	.1	.2	.1													16	16		751			
64/ 63	.0	.2		.1														7	7		474			
62/ 61			.1	.1														5	5		273			
60/ 59		.0																1	1		99			
58/ 57																					21			
56/ 55		.1																3	3		13			
54/ 53		.1																3	3		5			
52/ 51																					2			
50/ 49																								
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
38/ 37																								
Element (X)	Σ X'		Σ X		X		Σ		Nc. Obs.		Mean No. of Hours with Temperature								Total					
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OLA) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG
1954

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

2

2

SEP

STATION

STATION NAME

YEARS

MONTH

0600-0800

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS
STATION STATION NAME

43-46, 52-72

SEP

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
96/ 95															.1			.2	2	2															
94/ 93																	.1	.2	2	2															
92/ 91																	.1	.3	3	3															
90/ 89												.1	.1	.0		.0	.1	.9	9	9															
88/ 87										.0	.3	.4	.2	.5	.2	.2	.0	.43	43	43															
86/ 85									.3	.6	.7	.6	.8	.4	.3	.2	.0	.86	86	86															
84/ 83								.1	.4	.8	1.3	1.2	.5	.8	.4			125	125																
82/ 81						.0	.2	.7	1.2	1.2	1.6	.7	.6	.4	.2			151	151																
80/ 79					.0	.1	.5	1.6	1.6	1.3	1.4	1.5	.4	.2	.1	.0		198	198																
78/ 77						.7	1.4	1.8	2.0	1.3	.9	.7	.2	.0				204	204																
76/ 75					.6	1.8	1.5	1.9	1.2	1.5	.8	.4	.2					225	225																
74/ 73				.1	1.2	2.1	1.5	1.5	1.2	.9	.6	.1	.2					209	209																
72/ 71				.7	1.7	1.2	1.7	1.1	.8	.5	.3	.2	.0					182	182	3															
70/ 69			.1	1.2	1.2	1.5	1.1	.8	.7	.4	.2	.0						163	163	32	2														
68/ 67			.4	1.3	1.2	1.2	.6	.7	.4	.5	.1	.0						146	146	116															
66/ 65			1.1	1.0	.8	.5	.6	.8	.5	.3								123	123	274	16														
64/ 63		.2	1.0	.5	.9	.6	.4	.4	.1									92	92	293	74														
62/ 61	.0	.8	.7	.7	.5	.3	.3	.5	.2	.1								75	75	364	152														
60/ 59		.3	.4	.5	.1	.2	.1	.0	.1									41	41	311	228														
58/ 57	.0	.4	.6	.2	.2	.2	.3	.1	.0									48	48	261	200														
56/ 55	.0	.6	.2	.3	.3	.0		.1										36	36	199	221														
54/ 53		.2	.2	.2	.4	.1	.1											24	24	124	222														
52/ 51		.2	.1	.0	.3	.0												14	14	76	224														
50/ 49		.0	.1															3	3	72	151														
48/ 47		.3	.0	.1														9	9	38	137														
46/ 45		.2	.0	.1														8	8	28	113														
44/ 43		.1	.1	.0														7	7	18	121														
42/ 41	.1	.1	.1															7	7	15	93														
40/ 39																				8	74														
38/ 37	.0	.0																2	2	2	62														
36/ 35	.1	.1					</																												

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
T-11 04
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1500-1700

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

558

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

PAGE 1 0300-0300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

USAF.FETAC FORM 0-26.5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1800-2000
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23003 CANNON AFB NEW MEXICO/CLOVIS

43-46,52-72

OCT
MONTH

PAGE 1 2100-2300
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
76/ 75						.0															1	1		
74/ 73						.0															1	1		
72/ 71					.0	.1			.0												4	4		
70/ 69			.0	.1	.1	.1	.2	.1	.0	.0											18	18		
68/ 67			.0	.1	.1	.2	.2	.1	.2	.1	.2										36	36		
66/ 65		.1	.2	.1	.3	.2	.6	.4	.4	.2	.1										62	62	4	
64/ 63	.1	.1	.6	.5	.6	.6	.6	.5	.4	.4											106	106	14	7
62/ 61	.1	.8	.6	.6	.6	.8	1.0	1.2	.9	.3	.0										163	163	26	10
60/ 59		.7	1.5	.7	1.0	.9	1.9	1.6	1.3	.2	.0										229	229	45	33
58/ 57	.0	1.1	1.3	.9	1.0	1.8	1.6	1.3	.4	.1											220	220	73	37
56/ 55		.9	.9	1.0	1.9	1.7	2.2	1.5	.3	.1											240	240	108	54
54/ 53	.3	1.1	.9	1.3	1.6	2.0	1.4	.8													221	221	124	79
52/ 51	.2	1.4	1.0	1.7	2.6	2.1	1.0	.7	.1												229	229	153	81
50/ 49	.0	1.1	1.5	1.8	1.6	1.4	1.0	.1													199	199	192	101
48/ 47	.1	1.3	1.5	1.1	1.4	1.4	.4	.1													172	172	259	99
46/ 45	.3	1.0	1.3	.8	1.3	1.0	.1														133	133	311	138
44/ 43	.3	.4	.6	.7	.8	.4															77	77	293	113
42/ 41	.1	.3	.6	.4	.6	.3															53	53	220	166
40/ 39	.1	.7	.3	.3	.8	.2															58	58	153	171
38/ 37	.0	.9	.7	.2	.4	.2															55	55	145	192
36/ 35	.0	.3	.3	.1																	19	19	72	156
34/ 33		.1	.4	.1																	13	13	60	166
32/ 31		.0	.1																		3	3	35	162
30/ 29		.2	.0																		6	6	23	148
28/ 27																							7	107
26/ 25																						1	85	
24/ 23																								64
22/ 21																								69
20/ 19																								45
18/ 17																								17
16/ 15																								4
14/ 13																								5
12/ 11																								7
10/ 9																								2
Element (X)	Σ X ²	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

OCT
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

FORM 11-21

USAFETAC

PSYCHROMETRIC SUMMARY

NOV
MONTH

6000-0200
HOURS (L. S. T.)

0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YF 485

PAGE 2 0300-0500

HOURS (L, S, T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

NOV
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75													.0		.1			3	3					
74/ 73													.0					1	1					
72/ 71									.1	.1	.0	.3	.1					16	16					
70/ 69								.0	.2	.1	.5	.3	.2					29	29					
68/ 67						.0		.3	.2	.7	.9	.5						59	59					
66/ 65					.0	.0	.0	.2	.5	1.1	.5	.4						61	61					
64/ 63				.0		.1	.4	.6	.8	1.3	.7	.1						87	87					
62/ 61		.1		.0	.1	.3	.5	1.3	1.8	1.4	.3							126	126	2	2			
60/ 59		.1	.2	.2	.4	.5	.7	1.4	1.6	1.1	.4	.0						142	142	1	1			
58/ 57		.1	.1	.2	.4	.5	1.1	2.0	1.7	.4								140	140	5				
56/ 55		.2	.2	.1	.4	1.1	2.0	1.9	1.3	.3								163	163	14	3			
54/ 53		.1	.1	.3	.8	1.1	1.7	1.7	.7	.1								145	145	37	10			
52/ 51		.4	.2	.4	.7	1.6	1.3	1.2	.2									131	131	60	8			
50/ 49		.5	.3	.6	1.0	1.9	1.4	.8	.1									140	140	110	22			
48/ 47	.1	.3	.4	.6	1.4	1.5	1.2	.6										134	134	169	24			
46/ 45	.0	.4	.3	.6	1.4	1.3	.8	.2										109	109	236	30			
44/ 43	.0	.5	.7	.8	1.4	.9	.7	.1										112	112	246	46			
42/ 41	.1	.6	.5	1.4	1.1	1.3	.5											120	120	227	47			
40/ 39	.1	1.0	.8	1.0	1.4	.5	.0											99	99	221	86			
38/ 37	.1	.4	.5	1.2	1.1	.2												85	85	181	89			
36/ 35	.1	.8	.7	.8	.5	.0												65	65	166	118			
34/ 33	.0	1.2	.6	.9	.3	.1												69	69	125	147			
32/ 31	.4	1.2	.4	.5	.1													56	56	165	200			
30/ 29	.0	.7	.9	.2	.0													30	31	79	220			
28/ 27	.1	.4	.5	.2	.0													28	28	55	180			
26/ 25	.0	.3	.1	.2	.0													15	15	33	202			
24/ 23	.1	.1	.0															6	6	23	145			
22/ 21		.0																1	1	9	148			
20/ 19		.2	.1															7	7	11	117			
18/ 17																				3	105			
16/ 15																				1	75			
14/ 13																					62			
12/ 11																					37			
10/ 9																					14			
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 3 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

NGV
MONITOR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
8/ 7																					17			
6/ 5																					13			
4/ 3																					5			
2/ 1																					1			
0/ -1																					3			
-2/ -3																					2			
TOTAL	1.3	9.7	7.3	10.3	12.0	12.8	12.3	12.3	9.1	6.6	3.4	1.7	.4		.1			2179	2186	2179	2179			

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum	5795344	102424	47.0	21.222	2179							
Dry Bulb	5679768	108764	49.9	10.783	2180		5.9	4.5	.2			90
Wet Bulb	3598349	87157	40.0	7.177	2179		15.7					90
Dew Point	1901941	61087	28.0	9.325	2179	.2	63.9					90

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS 62-46, 52-72

NOV
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81																		3	3					
80/ 79														.0	.0			2	2					
78/ 77												.1	.0	.2	.2			12	12					
76/ 75											.1	.2	.4	.5	.4	.2		41	41					
74/ 73								.0		.3	.5	.3	1.1	.7	.1			66	66					
72/ 71							.1	.2	.3	1.2	1.1	1.9	.6	.0				119	119					
70/ 69							.1	.3	1.1	1.3	2.2	1.0	.0					129	129					
68/ 67						.0	.0	.3	.4	1.7	1.8	1.7	.2					139	139					
66/ 65						.1	.5	.3	1.6	2.0	2.2	.6	.1					161	161					
64/ 63					.1	.2	.1	.5	1.6	2.1	1.5	.4	.0					143	143					
62/ 61		.0	.1	.0	.1	.2	.2	.9	1.3	1.9	.9	.3						132	132					
60/ 59		.1	.2	.1	.1	.2	.0	1.7	2.0	1.6	.4							148	148					
58/ 57			.0	.1	.2	.4	.9	1.5	1.5	.9	.0							120	120	15	2			
56/ 55			.1	.3	.2	.9	1.2	1.3	1.2	.5	.0							127	127	37	3			
54/ 53		.0	.0	.1	.5	.7	1.5	1.4	.7	.1								113	113	55	7			
52/ 51			.1	.4	.7	.7	1.3	.9	.6	.0								104	104	133	6			
50/ 49		.1	.1	.3	.4	1.1	1.4	1.1	.2									103	103	218	14			
48/ 47		.1	.1	.3	.6	1.4	.6	.6	.1									84	84	293	13			
46/ 45	.0	.0	.3	.4	.6	.6	.8	.5										69	69	277	29			
44/ 43	.1	.5	.3	.4	.7	.5	.8	.1										74	74	238	38			
42/ 41		.4	.2	.2	.6	.4	.2											46	46	198	45			
40/ 39		.4	.5	.6	.6	.5	.1											55	55	169	60			
38/ 37	.1	.5	.3	.6	.3	.1												42	42	139	99			
36/ 35	.1	.6	.4	.3	.4	.0												40	40	101	140			
34/ 33	.1	.9	.3	.0	.2	.0												34	34	92	141			
32/ 31	.2	.7	.4	.2	.1													29	29	97	160			
30/ 29		.4	.5	.2	.0													23	23	32	198			
28/ 27	.1	.4	.1															12	12	34	218			
26/ 25	.1	.0	.0															5	5	24	190			
24/ 23	.0	.1																3	3	7	163			
22/ 21		.0																1	1	6	155			
20/ 19																					125			
18/ 17																					97			
16/ 15																					95			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46, 52-72

NOV
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
14/ 13																						64		
12/ 11																						44		
10/ 9																						24		
8/ 7																						18		
6/ 5																						8		
4/ 3																						8		
2/ 1																						6		
0/ -1																						2		
-2/ -3																						4		
-4/ -5																						1		
-6/ -7																						1		
TOTAL	.9	5.0	4.3	4.0	3.2	8.3	10.0	11.2	11.8	12.6	10.1	7.1	5.2	1.9	.6	.1			2186			2179		
																		2179		2179				
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3788197		79471		36.5		20.212		2179		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	7346851		123935		56.9		11.754		2180			3.1	21.1	5.1	.2		90							
Wet Bulb	4141997		93803		43.0		6.907		2179				8.3				90							
Dew Point	1797969		59247		27.2		9.267		2179		.3	65.3					90							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23066 CANNON AFB NEW MEXICO/CLOVIS

43-46,52-72

YEARS

NIV
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																				
82/ 81																																1	1							
80/ 79														.0	.0																2	2								
78/ 77													.1	.1	.1																8	8								
76/ 75												.0	.1	.2	.2	.4	.1	.0												26	26									
74/ 73											.2	.2	.5	.8	.8	.0														54	54									
72/ 71							.0			.4	.8	1.2	.7	.4																76	76									
70/ 69								.0	.0	.6	.9	1.6	.9	.0																88	88									
68/ 67								.3	.4	1.1	1.7	1.5	.6																	120	120									
66/ 65							.4	.1	1.3	1.5	1.3	1.1	.0																		124	124								
64/ 63				.0	.1	.1	.6	.7	1.5	2.1	1.7	.6	.0																		163	163								
62/ 61			.1	.1	.1	.2	.3	1.0	2.1	2.2	.9	.2																			155	155								
60/ 59		.2	.2	.1	.2	.5	.6	1.9	1.9	1.9	.6	.0																			175	175	1							
58/ 57		.0		.1	.3	.4	1.1	1.3	1.4	1.2	.1																				129	129	10	1						
56/ 55			.1	.2	.8	1.2	1.6	.9	.7	.1																					124	124	27	7						
54/ 53			.3	.6	.5	2.0	1.8	1.1	.2																						144	144	43	8						
52/ 51		.0	.2	.2	.6	.9	1.6	1.5	.5																						120	120	92	4						
50/ 49		.0	.4	1.0	1.0	1.2	.6	.4																							100	100	189	4						
48/ 47		.1	.1	.8	.6	1.3	.8	.9	.1																						105	105	267	10						
46/ 45	.0		.4	.2	.5	1.1	.5	.4																							69	69	282	24						
44/ 43	.1	.3	.4	.4	.4	.8	.6																								65	65	247	43						
42/ 41	.1	.3	.2	.6	1.0	.6	.5																								69	69	239	37						
40/ 39		.2	.4	.6	.5	.5	.1																								55	55	191	48						
38/ 37	.1	.8	.7	.6	.6	.2	.0																								66	66	160	106						
36/ 35		.3	.7	.4	.3	.1	.0																								35	35	117	126						
34/ 33	.2	.6	.9	.1	.1	.0																									29	29	114	141						
32/ 31	.1	.3	.2	.0	.0	.0																									18	18	76	123						
30/ 29	.2	.8	.2	.0	.0																										28	28	54	189						
28/ 27	.1	.3	.1																												12	12	33	173						
26/ 25		.4		.0																											9	9	14	185						
24/ 23	.0	.1	.1																												5	5	12	185						
22/ 21		.0																													1	1	4	158						
20/ 19		.1																													2	2	3	112						
18/ 17																																	2	119						
16/ 15																																		99						
Element (X)	Σ X'					Σ X					X̄					s _x					No. Obs.					Mean No. of Hours with Temperature														
Rel. Hum.																										≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

USAFETAC FORM 8-26-5 (OL A) REVISD MEMORIS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46,52-72

NOV

PAGE 2 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
14/ 13		.0																1	1		64			
12/ 11		.0																1	1	1	53			
10/ 9																				1	42			
8/ 7																					24			
6/ 5																					20			
4/ 3																					9			
2/ 1																					1			
0/ -1																					1			
-2/ -3																					3			
TOTAL	1.1	5.4	4.1	5.3	7.0	9.0	11.4	12.2	11.6	12.0	8.4	6.8	3.4	1.8	.3	.1		2179		2179				
																	2179							

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3965483	81519	37.42	20.50%	2179							
Dry Bulb	6982948	120822	55.41	11.410	2179			15.5	3.8	.0		90
Wet Bulb	3980090	91958	42.2	6.752	2179			8.3				90
Dew Point	1724843	57853	26.6	9.311	2179	.2	66.9					90

PSYCHROMETRIC SUMMARY

YEARS

PAGE : 1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOYIS

43-46; 52-72

N:1V

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

2

YEARS

43-46, 52-72

NiTV

MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

2100-2300
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (11 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23008	CANNON AFB NEW MEXICO/CLOVIS
STATION	STATION NAME

43-45; 51-72

DEC

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-45,51-71

DEC
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
60/ 59								.0										1	1						
58/ 57							.0	.0										2	2						
56/ 55						.1	.0											4	4						
54/ 53					.1													2	2						
52/ 51		.1		.1	.2	.0	.2	.1										17	17		1				
50/ 49				.1	.2	.3	.0	.1										17	17		2				
48/ 47		.3	.1	.1	.3	.2	.0	.1										27	27		6				
46/ 45		.3	.2	.2	.5	.1	.1	.1										31	31		21				
44/ 43	.1	.4	.5	.6	.3	.4	.3											55	55		12				
42/ 41	.1	.5	.6	.6	.5	.7	.1											70	70		26				
40/ 39	.2	.3	.6	1.1	1.1	.6	.1											89	89		55				
38/ 37		1.1	1.1	1.7	1.9	.6	.0											142	142		53				
36/ 35	.2	1.0	2.4	2.0	1.5	.0												156	156		73				
34/ 33	.5	2.1	3.4	3.1	1.4	.0												230	230		118				
32/ 31	.5	2.8	3.9	3.1	.6													240	240		218				
30/ 29	.6	3.7	1.0	2.3	.0	.0												234	234		268				
28/ 27	.8	5.1	3.9	1.0	.0													239	240		318				
26/ 25	1.5	4.3	2.6	1.1														211	211		317				
24/ 23	.9	2.3	1.9	.2														117	117		237				
22/ 21	.4	2.3	1.4	.1														93	93		126				
20/ 19	.4	2.5	.6															76	76		123				
18/ 17	.3	1.7	.3															51	51		90				
16/ 15	.1	1.5	.0															36	36		54				
14/ 13	.1	.5	.0															15	15		27				
12/ 11	.1	.8	.0															21	21		19				
10/ 9	.1	.4	.1															13	13		17				
8/ 7	.0	.3																7	7		13				
6/ 5	.0	.0																2	2		4				
4/ 3																									
2/ 1	.0																	1	1		1				
0/ -1																									
-2/ -3	.0																	1	1		1				
-4/ -5	.0																	1	1		1				
-6/ -9																									
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26 5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-45, 51-72

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55						.2	.1											7	7		
54/ 53					.0	.2		.0										6	6		
52/ 51		.1				.1	.1											10	10		
50/ 49		.0	.1	.2	.2	.2	.2											22	22	3	3
48/ 47		.2	.1	.3	.2	.2	.3	.1										33	33	2	
46/ 45	.0	.3	.3	.4	.3	.2	.3											42	42	21	8
44/ 43	.1	.4	.2	.5	.5	.5	.2											55	55	23	9
42/ 41	.0	.4	.6	1.0	.8	.9	.1											87	87	32	6
40/ 39	.1	.6	.5	1.3	1.3	1.0	.1											115	115	45	18
38/ 37	.2	.8	1.3	2.2	1.6	.6												155	155	66	34
36/ 35	.2	1.2	1.9	2.5	1.7	.4												182	182	91	31
34/ 33	.3	1.9	3.6	2.6	1.3	.2												227	227	128	51
32/ 31	.4	2.8	4.2	1.9	.5	.0												230	230	242	86
30/ 29	.5	3.7	4.2	1.7	.1													238	238	296	98
28/ 27	.6	4.6	2.8	1.3	.1													218	218	324	128
26/ 25	1.1	4.1	2.3	.4	.0													184	184	303	193
24/ 23	1.3	2.9	1.6	.3														141	141	217	237
22/ 21	.6	2.6	1.5	.0														110	110	143	259
20/ 19	.5	2.1	1.3	.0														90	90	120	196
18/ 17	.2	1.7	.3															50	50	93	198
16/ 15	.1	1.3	.2															38	38	61	184
14/ 13	.2	.8																24	24	41	144
12/ 11	.3	.5	.0															20	20	22	106
10/ 9	.2	.3																10	10	19	100
8/ 7	.2	.2	.0															9	9	9	89
6/ 5	.2	.2																8	8	7	49
4/ 3																				3	29
2/ 1																					25
0/ -1																					11
-2/ -3																					9
-4/ -5																					5
-6/ -7	.0																	1	1	1	
-8/ -9																					2
-10/-11	.0																	1	1	1	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

43-45, 51-72

DEC
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-12/-13																						2
-16/-17																						1
TOTAL	7.7	33.8	27.0	16.5	8.9	4.7	1.3	.1										2313	2313	2313	2313	

USAFETAC FORM 0-26-5 (OLA) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>2300R</u>	<u>CANNON AFB NEW MEXICO/CLOVIS</u>
STATION	STATION NAME

43-45, 51-72

DEC
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

43-45, 51-72

DEC

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
4/ 3																						26
2/ 1																						18
0/ -1																						3
-2/ -3																						8
-4/ -5																						2
-6/ -7																						1
-8/ -9																						1
TOTAL	3.5	12.4	11.9	13.4	15.4	14.1	12.2	7.9	5.3	2.5	.8	.2							2321			2321
																			2321			2321

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

USAFETAC

PSYCHROMETRIC SUMMARY

23000 CANNON AFB NEW MEXICO/CLOVIS 43-45,51-72
STATION STATION NAME

DEC
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
10/ 9																					66				
8/ 7																					55				
6/ 5																					24				
4/ 3																					34				
2/ 1																					16				
0/ -1																					12				
-2/ -3																					0				
-4/ -5																					1				
TOTAL	1.8	7.4	5.6	8.5	6.7	11.7	14.0	11.9	10.7	9.6	6.3	3.2	.9	.1				2317	2319	2317					
																		2317		2317					

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72

YEARS

DEC
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-45, 51-72
YEARS

DEC
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 65									.0									1	1						
64/ 63									.1	.0	.0							4	4						
62/ 61								.0	.1	.0	.0							5	5						
60/ 59				.0			.0	.2	.1	.1								12	12						
58/ 57				.0	.0	.1	.2	.1	.3	.1								20	20						
56/ 55					.1	.2	.3	.3	.2	.1								26	26						
54/ 53					.3	.3	.7	.6	.1									47	47	1					
52/ 51			.0	.1	.4	.4	1.0	.6	.4	.0								69	69	1					
50/ 49		.0	.1	.3	.7	1.0	1.6	.7	.2									112	112	3					
48/ 47		.0	.2	.3	.7	1.5	1.2	.7	.0									106	106	16	3				
46/ 45		.3	.1	.3	2.2	2.1	2.0	.5	.0									175	175	41	1				
44/ 43		.3	.3	.8	2.3	2.6	1.3	.0										180	180	52	9				
42/ 41		.3	.3	2.0	1.8	1.9	.9	.1										168	168	77	14				
40/ 39	.2	.4	.7	2.1	2.8	2.0	.1											190	190	126	27				
38/ 37	.0	.3	1.0	2.8	2.6	1.3	.0											184	184	201	34				
36/ 35	.0	.4	2.4	2.5	1.3	.6	.1											170	170	222	44				
34/ 33		2.0	2.6	2.6	1.3	.3	.0											201	201	257	44				
32/ 31	.3	1.3	2.7	2.3	.3	.0												160	160	337	83				
30/ 29	.4	1.9	1.4	1.0	.5													119	119	267	157				
28/ 27	.4	1.7	1.0	.9	.3													97	97	224	182				
26/ 25	.7	1.4	.7	.3														71	71	174	245				
24/ 23	.2	1.0	.4	.2														43	43	81	260				
22/ 21	.2	.8	.5	.1														37	37	69	201				
20/ 19	.3	1.1	.3	.0														38	38	47	174				
18/ 17	.1	.4	.1															15	15	45	163				
16/ 15	.3	.4	.2															20	20	19	152				
14/ 13	.1	.2		.0														7	7	11	141				
12/ 11	.1	.2																8	8	10	114				
10/ 9	.0	.0																2	2	5	75				
8/ 7																				1	65				
6/ 5																					36				
4/ 3																					17				
2/ 1																					12				
0/ -1																					16				
Element (X)	Σ x ²			Σ x			Σ			σ _x			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

23008	CANNON AFB NEW MEXICO/CLOVIS
STATION	STATION NAME

43-45, 51-72

DEC
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-2/ -3																					10			
-4/ -5																					4			
-10/-11																					1			
-14/-15																					1			
-16/-17																					1			
-22/-23																					1			
TOTAL	3.4	14.8	15.2	18.8	17.7	14.4	9.8	3.9	1.6	.4	.1							2287	2287	2287				
																		2287	2287					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-45, 51-72

DEC
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
60/ 59							.0	.1										3	3					
58/ 57							.3	.1	.1									10	10					
56/ 55						.1	.0	.0	.0									5	5					
54/ 53				.0	.0	.1	.1	.1	.1									12	12					
52/ 51			.1	.1	.2	.4	.3	.0										26	26					
50/ 49			.3	.2	.4	.4	.2	.2	.1									41	41					
48/ 47		.1	.3	.3	.6	.6	.6	.3										65	65	9				
46/ 45		.1	.4	.4	1.0	1.0	.6											81	81	24	2			
44/ 43	.2	.5	.2	.6	1.4	1.4	.6	.1										118	118	33	18			
42/ 41		.2	.4	1.7	1.8	1.2	.5	.1										136	136	52	11			
40/ 39	.0	.8	.6	2.2	1.8	2.1	.1											174	174	57	18			
38/ 37	.1	.6	1.8	2.4	2.7	.9	.1											197	197	100	27			
36/ 35	.2	1.0	2.8	3.4	2.1	.6	.1											230	230	164	45			
34/ 33	.3	1.4	3.2	2.2	1.4	.2												200	200	221	58			
32/ 31	.2	2.1	3.1	2.7	.6	.0												202	202	260	73			
30/ 29	.6	3.1	3.3	1.7	.3	.0												211	211	328	140			
28/ 27	.7	2.8	1.9	1.7	.2													169	169	303	157			
26/ 25	.8	2.4	2.0	.9														139	139	239	206			
24/ 23	.3	1.8	.7	.4														76	76	163	243			
22/ 21	.3	1.2	.7															51	51	119	216			
20/ 19	.5	1.3	.3															48	48	76	181			
18/ 17	.2	.8	.2															28	28	54	188			
16/ 15	.1	1.0	.1	.0														31	31	26	164			
14/ 13	.0	.5	.0	.0														14	14	26	134			
12/ 11	.0	.2																5	5	14	136			
10/ 9	.2	.3																11	11	11	87			
8/ 7	.1																	2	2	6	56			
6/ 5																					50			
4/ 3																					27			
2/ 1		.0																1	1	1	16			
0/ -1																					16			
-2/ -3																					7			
-4/ -5																					3			
-6/ -7																					1			
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total						
Ref. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23008 CANNON AFB NEW MEXICO/CLOVIS 43-46,51-72

STATION		STATION NAME											YEARS										
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL									
00-02	MEAN	30.4	33.3	38.7	48.2	56.4	65.5	69.1	67.9	60.7	50.6	38.9	32.0	49.4									
	S D	9.824	8.983	9.443	8.081	6.972	5.946	4.172	4.534	6.053	7.238	7.992	8.161	15.777									
	TOTAL OBS	2228	2094	2317	2236	2312	2203	2247	2258	2185	2261	2123	2230	26694									
03-05	MEAN	28.7	31.4	35.9	44.9	53.3	62.5	66.4	65.5	58.5	48.2	37.0	30.4	47.0									
	S D	9.698	8.801	9.111	7.710	6.481	5.393	3.452	3.953	5.824	7.092	7.790	8.111	15.344									
	TOTAL OBS	2230	2094	2304	2234	2312	2201	2224	2225	2159	2227	2099	2202	26511									
06-08	MEAN	28.8	31.9	37.8	49.1	59.3	68.5	71.4	69.6	61.7	50.7	38.1	30.6	49.9									
	S D	9.910	9.163	10.160	9.192	8.290	6.738	5.255	5.903	7.282	8.162	8.375	8.419	17.429									
	TOTAL OBS	2232	2091	2309	2232	2309	2203	2276	2316	2249	2323	2185	2313	27034									
09-11	MEAN	40.1	43.5	50.3	61.2	70.1	78.8	81.3	79.9	72.7	63.0	49.9	41.6	61.1									
	S D	12.126	11.848	12.565	10.812	9.711	7.863	6.270	6.922	8.919	10.163	10.783	10.744	17.983									
	TOTAL OBS	2228	2089	2312	2233	2308	2202	2270	2321	2241	2310	2180	2321	27015									
12-14	MEAN	48.3	51.2	57.9	68.1	76.4	85.1	86.9	85.6	79.0	69.4	56.9	48.8	67.9									
	S D	12.927	12.789	13.190	10.939	9.827	7.951	6.609	7.162	9.434	10.911	11.754	11.913	17.730									
	TOTAL OBS	2234	2092	2311	2230	2312	2199	2274	2321	2247	2311	2180	2319	27030									
15-17	MEAN	47.8	52.1	59.0	69.2	77.0	85.8	87.2	85.4	79.0	68.7	55.4	47.3	68.0									
	S D	12.625	12.405	12.924	10.717	9.774	8.261	7.058	7.557	9.264	10.462	11.410	11.593	17.888									
	TOTAL OBS	2233	2089	2303	2226	2307	2204	2277	2321	2242	2314	2179	2309	27004									
18-20	MEAN	37.9	42.3	50.1	61.0	69.4	78.4	80.3	77.9	69.9	58.3	45.7	38.0	59.3									
	S D	10.925	10.265	11.448	10.154	9.321	8.443	7.011	7.051	7.948	8.454	9.134	9.233	17.901									
	TOTAL OBS	2230	2093	2308	2228	2315	2203	2267	2323	2244	2315	2185	2287	26998									
21-23	MEAN	33.1	36.5	43.0	52.9	61.2	70.2	73.0	71.1	63.9	53.3	41.2	34.0	52.9									
	S D	10.198	9.305	10.002	8.662	7.434	6.421	5.073	5.206	6.609	7.525	8.361	8.515	16.394									
	TOTAL OBS	2230	2094	2309	2233	2310	2206	2277	2319	2245	2318	2181	2286	27008									
ALL HOURS	MEAN	36.9	40.3	46.6	56.8	65.4	74.3	77.0	75.4	68.3	57.9	45.4	37.9	57.0									
	S D	13.397	13.119	14.045	12.978	12.064	11.630	9.475	9.620	10.895	11.874	12.096	11.923	18.782									
	TOTAL OBS	17843	16736	18673	17852	18685	17821	18112	18404	17800	18379	17312	18267	215294									

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23008 CANNON AFB NEW MEXICO/CUOVIS

43-46,51-72

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	26.4	28.8	32.3	39.8	48.1	56.8	61.1	60.5	54.7	44.5	33.8	28.0	43.0	
	S D	8.270	7.360	7.396	6.773	6.594	5.538	2.897	3.371	5.785	7.165	6.982	6.770	14.131	
	TOTAL OBS	2227	2093	2317	2236	2312	2203	2247	2257	2185	2261	2123	2230	26691	
03-05	MEAN	25.2	27.6	30.8	38.2	46.9	56.0	60.2	59.6	53.6	43.0	32.6	26.9	41.8	
	S D	8.370	7.453	7.566	6.991	6.788	5.645	2.867	3.431	6.075	7.337	7.066	6.893	14.293	
	TOTAL OBS	2228	2096	2304	2233	2312	2201	2223	2225	2159	2227	2099	2201	26508	
06-08	MEAN	25.3	27.9	32.1	40.9	50.2	59.0	62.6	61.6	55.3	44.6	33.3	27.0	43.4	
	S D	8.421	7.553	7.933	7.102	6.595	5.120	2.667	3.519	6.335	7.371	7.153	7.063	15.070	
	TOTAL OBS	2226	2091	2309	2232	2306	2202	2274	2316	2245	2321	2185	2313	27020	
09-11	MEAN	32.5	35.0	38.9	46.4	54.1	61.5	65.3	64.7	59.4	50.2	40.0	33.8	48.6	
	S D	8.696	7.892	7.891	6.329	5.806	4.648	2.412	3.063	5.770	6.809	7.177	7.253	13.482	
	TOTAL OBS	2228	2089	2312	2233	2307	2202	2267	2321	2241	2310	2179	2321	27010	
12-14	MEAN	37.0	38.8	42.1	48.6	55.3	62.1	65.8	65.4	60.6	52.3	43.0	37.7	50.8	
	S D	8.367	7.674	7.309	5.651	5.051	4.228	2.423	2.943	5.184	6.207	6.907	7.241	12.137	
	TOTAL OBS	2233	2092	2311	2230	2312	2199	2270	2322	2247	2311	2179	2317	27023	
15-17	MEAN	36.7	39.1	42.3	48.7	55.1	61.7	65.5	65.0	60.1	51.7	42.2	36.8	50.5	
	S D	8.144	7.287	7.017	5.275	4.730	4.014	2.464	2.789	4.927	5.993	6.752	7.080	11.988	
	TOTAL OBS	2233	2089	2303	2226	2307	2204	2273	2321	2242	2314	2179	2307	26998	
18-20	MEAN	31.0	33.9	38.1	45.2	52.4	59.9	63.9	63.3	57.8	47.9	37.4	31.6	47.0	
	S D	8.092	7.028	6.993	5.703	5.234	4.460	2.556	3.085	5.332	6.453	6.591	6.693	13.300	
	TOTAL OBS	2230	2093	2308	2228	2315	2203	2267	2323	2244	2315	2185	2287	26998	
21-23	MEAN	28.0	30.7	34.5	41.8	49.8	58.1	62.2	61.6	55.8	45.7	35.0	29.1	44.5	
	S D	8.174	7.118	7.084	6.325	5.953	5.225	2.725	3.283	5.722	6.896	6.718	6.723	13.842	
	TOTAL OBS	2229	2093	2309	2233	2310	2206	2277	2319	2245	2318	2181	2286	27006	
ALL HOURS	MEAN	30.3	32.7	36.4	43.7	51.5	59.4	63.3	62.7	57.2	47.5	37.2	31.4	46.2	
	S D	9.460	8.617	8.559	7.357	6.610	5.360	3.298	3.793	6.184	7.570	7.924	8.057	13.956	
	TOTAL OBS	17834	16736	18473	17851	18481	17620	18098	18404	17808	18377	17310	18262	215254	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23008

CANNON AFB NEW MEXICO/CUDVIS

43-46,51-72

STATION

STATION NAME

YEARS

HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 18.5 S D 10.001 TOTAL OBS 2227	MEAN 20.6 S D 9.411 TOTAL OBS 2092	MEAN 21.9 S D 10.300 TOTAL OBS 2317	MEAN 28.7 S D 11.714 TOTAL OBS 2235	MEAN 39.9 S D 11.639 TOTAL OBS 2312	MEAN 50.6 S D 9.747 TOTAL OBS 2203	MEAN 56.5 S D 5.219 TOTAL OBS 2247	MEAN 56.3 S D 5.314 TOTAL OBS 2257	MEAN 50.3 S D 8.119 TOTAL OBS 2185	MEAN 38.1 S D 10.112 TOTAL OBS 2261	MEAN 26.3 S D 9.547 TOTAL OBS 2123	MEAN 20.5 S D 8.591 TOTAL OBS 2230	MEAN 35.8 S D 16.949 TOTAL OBS 26689
03-05	MEAN 18.0 S D 10.016 TOTAL OBS 2228	MEAN 20.2 S D 9.420 TOTAL OBS 2093	MEAN 22.0 S D 10.315 TOTAL OBS 2306	MEAN 29.1 S D 11.498 TOTAL OBS 2233	MEAN 40.4 S D 11.244 TOTAL OBS 2312	MEAN 51.4 S D 9.052 TOTAL OBS 2201	MEAN 56.6 S D 4.654 TOTAL OBS 2223	MEAN 56.1 S D 5.139 TOTAL OBS 2225	MEAN 49.9 S D 8.168 TOTAL OBS 2159	MEAN 37.5 S D 10.129 TOTAL OBS 2227	MEAN 25.9 S D 9.494 TOTAL OBS 2099	MEAN 20.0 S D 8.673 TOTAL OBS 2201	MEAN 35.6 S D 17.003 TOTAL OBS 26505
06-08	MEAN 18.0 S D 9.806 TOTAL OBS 2226	MEAN 20.6 S D 9.228 TOTAL OBS 2091	MEAN 22.9 S D 10.152 TOTAL OBS 2308	MEAN 31.0 S D 10.890 TOTAL OBS 2232	MEAN 42.1 S D 10.925 TOTAL OBS 2306	MEAN 53.0 S D 8.550 TOTAL OBS 2202	MEAN 57.9 S D 4.073 TOTAL OBS 2274	MEAN 57.2 S D 4.859 TOTAL OBS 2316	MEAN 50.9 S D 8.328 TOTAL OBS 2245	MEAN 38.3 S D 10.036 TOTAL OBS 2321	MEAN 26.3 S D 9.282 TOTAL OBS 2185	MEAN 20.1 S D 8.680 TOTAL OBS 2313	MEAN 36.6 S D 17.202 TOTAL OBS 27019
09-11	MEAN 21.0 S D 9.603 TOTAL OBS 2228	MEAN 22.7 S D 9.259 TOTAL OBS 2089	MEAN 23.9 S D 9.949 TOTAL OBS 2312	MEAN 30.5 S D 10.674 TOTAL OBS 2233	MEAN 40.9 S D 11.325 TOTAL OBS 2307	MEAN 50.6 S D 9.367 TOTAL OBS 2201	MEAN 57.2 S D 4.732 TOTAL OBS 2267	MEAN 56.8 S D 5.075 TOTAL OBS 2321	MEAN 51.1 S D 8.402 TOTAL OBS 2241	MEAN 38.9 S D 10.143 TOTAL OBS 2310	MEAN 28.0 S D 9.325 TOTAL OBS 2179	MEAN 22.4 S D 8.489 TOTAL OBS 2321	MEAN 37.1 S D 16.231 TOTAL OBS 27009
12-14	MEAN 21.3 S D 9.784 TOTAL OBS 2232	MEAN 22.4 S D 9.135 TOTAL OBS 2092	MEAN 22.2 S D 9.849 TOTAL OBS 2311	MEAN 28.2 S D 10.498 TOTAL OBS 2230	MEAN 37.9 S D 11.263 TOTAL OBS 2312	MEAN 47.4 S D 10.084 TOTAL OBS 2199	MEAN 54.8 S D 5.652 TOTAL OBS 2270	MEAN 54.8 S D 5.770 TOTAL OBS 2322	MEAN 49.2 S D 8.505 TOTAL OBS 2247	MEAN 37.7 S D 9.908 TOTAL OBS 2311	MEAN 27.2 S D 9.267 TOTAL OBS 2179	MEAN 22.6 S D 8.778 TOTAL OBS 2317	MEAN 35.6 S D 15.648 TOTAL OBS 27022
15-17	MEAN 20.9 S D 10.053 TOTAL OBS 2233	MEAN 21.5 S D 9.258 TOTAL OBS 2089	MEAN 21.0 S D 9.894 TOTAL OBS 2303	MEAN 26.8 S D 10.433 TOTAL OBS 2226	MEAN 36.4 S D 11.354 TOTAL OBS 2307	MEAN 45.9 S D 10.292 TOTAL OBS 2204	MEAN 53.9 S D 6.058 TOTAL OBS 2273	MEAN 53.9 S D 6.138 TOTAL OBS 2321	MEAN 47.9 S D 8.947 TOTAL OBS 2242	MEAN 36.8 S D 10.052 TOTAL OBS 2314	MEAN 26.6 S D 9.311 TOTAL OBS 2179	MEAN 22.3 S D 8.799 TOTAL OBS 2307	MEAN 34.6 S D 15.627 TOTAL OBS 26998
18-20	MEAN 19.5 S D 10.100 TOTAL OBS 2230	MEAN 21.0 S D 9.316 TOTAL OBS 2093	MEAN 21.2 S D 10.026 TOTAL OBS 2308	MEAN 26.9 S D 11.203 TOTAL OBS 2228	MEAN 37.2 S D 12.021 TOTAL OBS 2315	MEAN 47.3 S D 10.656 TOTAL OBS 2203	MEAN 55.0 S D 5.937 TOTAL OBS 2267	MEAN 55.4 S D 6.034 TOTAL OBS 2322	MEAN 49.6 S D 8.481 TOTAL OBS 2244	MEAN 37.9 S D 10.104 TOTAL OBS 2315	MEAN 26.4 S D 9.337 TOTAL OBS 2185	MEAN 21.3 S D 8.567 TOTAL OBS 2287	MEAN 35.0 S D 16.407 TOTAL OBS 26997
21-23	MEAN 18.8 S D 10.023 TOTAL OBS 2229	MEAN 20.7 S D 9.310 TOTAL OBS 2093	MEAN 21.6 S D 10.332 TOTAL OBS 2309	MEAN 27.9 S D 11.957 TOTAL OBS 2233	MEAN 38.9 S D 12.063 TOTAL OBS 2310	MEAN 49.8 S D 10.184 TOTAL OBS 2206	MEAN 56.2 S D 5.592 TOTAL OBS 2277	MEAN 56.2 S D 5.507 TOTAL OBS 2319	MEAN 50.1 S D 8.339 TOTAL OBS 2245	MEAN 38.1 S D 10.158 TOTAL OBS 2318	MEAN 26.2 S D 9.371 TOTAL OBS 2181	MEAN 20.6 S D 8.694 TOTAL OBS 2286	MEAN 35.6 S D 16.913 TOTAL OBS 27006
ALL HOURS	MEAN 19.5 S D 10.008 TOTAL OBS 17833	MEAN 21.2 S D 9.331 TOTAL OBS 16732	MEAN 22.1 S D 10.140 TOTAL OBS 18472	MEAN 28.6 S D 11.211 TOTAL OBS 17850	MEAN 39.2 S D 11.627 TOTAL OBS 18483	MEAN 49.5 S D 10.043 TOTAL OBS 17619	MEAN 56.0 S D 5.431 TOTAL OBS 18098	MEAN 55.8 S D 5.590 TOTAL OBS 18403	MEAN 49.9 S D 8.468 TOTAL OBS 17808	MEAN 37.9 S D 10.095 TOTAL OBS 18377	MEAN 26.6 S D 9.388 TOTAL OBS 17310	MEAN 21.2 S D 8.718 TOTAL OBS 18262	MEAN 35.7 S D 16.523 TOTAL OBS 215245

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008 CANNON AFB NEW MEXICO/CLOVIS

43-46,51-72

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	99.8	94.1	83.8	69.9	55.4	40.2	25.8	13.0	4.8	54.2	17831
FEB		99.7	91.7	78.7	63.8	49.2	36.8	23.9	15.5	5.3	52.2	16732
MAR		98.5	82.0	64.9	49.1	36.7	26.5	18.4	10.9	4.1	44.5	18471
APR		97.6	74.9	57.1	43.1	31.4	22.8	15.8	9.4	3.5	40.9	17850
MAY		98.3	79.6	65.3	51.8	40.4	29.8	20.5	11.9	3.8	45.6	18477
JUN		98.7	86.7	71.5	57.6	44.3	32.2	20.8	11.8	2.2	48.0	17617
JUL		100.0	96.7	84.0	67.3	51.2	35.9	23.3	12.6	2.6	52.9	18098
AUG		100.0	97.6	86.5	71.0	55.2	40.1	26.8	15.5	3.7	55.1	18402
SEP		99.9	95.8	85.3	72.1	58.4	45.0	32.0	20.4	6.2	57.1	17805
OCT		99.9	92.7	79.8	64.8	50.2	37.7	27.1	17.0	7.2	53.2	18377
NOV		99.8	93.6	80.9	65.8	51.2	37.2	24.8	15.4	6.3	53.0	17310
DEC		100.0	95.1	85.6	71.9	56.9	42.9	29.1	16.9	5.9	55.9	18261
TOTALS		99.4	90.0	77.0	62.3	48.4	35.6	24.2	14.2	4.6	51.1	215231

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008
STATION

CANNON AFB NEW MEXICO/CLAVIS
STATION NAME

43-46,52-72
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.3	96.4	88.9	73.4	57.4	37.6	18.2	6.1	63.4	2226
	03-05	100.0	99.8	97.8	92.1	81.0	64.7	42.6	21.5	7.4	66.1	2228
	06-08	100.0	99.6	97.3	92.1	80.9	63.2	43.2	20.9	7.1	65.9	2225
	09-11	100.0	95.6	83.3	63.8	44.9	28.4	17.3	9.3	4.7	50.2	2228
	12-14	99.1	82.9	59.3	37.7	23.9	14.9	8.7	5.2	2.6	38.9	2232
	15-17	99.4	81.5	59.4	38.6	24.5	16.2	9.8	5.2	1.8	39.1	2233
	18-20	100.0	95.5	84.0	65.4	48.1	31.7	18.5	9.8	3.5	51.1	2230
	21-23	100.0	98.6	93.0	80.9	64.2	45.2	28.4	14.0	5.2	58.5	2229
TOTALS		99.8	94.1	83.8	69.9	55.4	40.2	25.8	13.0	4.8	54.2	17831

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008
STATION

CANNON AFB NEW MEXICO/CUDVIS
STATION NAME

43-46,52-72

PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	99.0	96.2	85.9	69.2	51.3	36.8	22.5	7.1	62.4	2092
	03-05	100.0	99.6	97.5	90.8	75.4	59.7	43.6	26.9	10.1	65.8	2093
	06-08	100.0	99.7	96.7	88.9	75.7	59.1	42.7	26.4	10.8	65.6	2091
	09-11	99.9	99.5	96.6	87.0	73.8	59.0	42.7	26.4	11.0	48.5	2089
	12-14	99.2	98.2	91.5	82.8	73.1	60.2	40.3	25.8	1.4	37.3	2092
	15-17	98.8	92.5	84.9	72.2	60.9	43.8	29.2	15.4	1.5	35.1	2089
	18-20	100.0	92.9	75.8	52.3	35.8	25.3	17.8	9.8	2.4	46.8	2093
	21-23	100.0	98.2	90.6	73.8	53.9	39.7	27.2	16.0	5.3	55.9	2093
TOTALS		99.7	91.7	78.7	63.8	49.2	36.8	25.9	15.5	5.3	52.2	16732

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72

PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	97.5	85.9	68.5	51.9	37.9	26.7	16.2	6.1	54.7	2317
	03-05	100.0	99.2	92.8	79.2	63.5	47.8	34.7	21.6	8.4	60.2	2304
	06-08	100.0	98.6	90.1	75.7	61.0	45.6	32.5	19.5	7.9	58.6	2308
	09-11	99.5	82.6	59.3	41.6	28.4	18.5	12.2	6.7	2.4	40.6	2312
	12-14	95.2	58.5	35.0	21.5	14.8	10.0	6.8	3.7	1.3	30.0	2311
	15-17	94.1	51.6	30.1	18.9	12.7	9.2	6.1	3.4	1.0	27.8	2302
	18-20	99.0	76.3	51.8	33.2	22.5	15.4	9.7	5.9	1.9	36.9	2308
	21-23	99.9	91.4	73.8	54.4	38.5	27.7	18.3	10.0	3.8	47.2	2309
TOTALS		98.5	82.0	64.9	49.1	36.7	26.5	18.4	10.9	4.1	44.5	18471

RELATIVE HUMIDITY

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	92.8	79.1	62.8	46.7	34.4	24.8	15.3	5.4	51.7	2235
	03-05	100.0	96.9	86.7	74.4	58.8	44.8	33.4	21.0	8.7	58.0	2233
	06-08	100.0	95.4	83.4	67.1	51.7	38.8	26.7	16.4	6.9	54.1	2232
	09-11	98.5	74.3	50.3	34.2	23.0	14.5	8.2	4.0	1.6	36.3	2233
	12-14	93.4	50.9	29.8	17.3	10.4	6.7	4.0	1.7	.4	26.7	2230
	15-17	91.6	42.8	25.1	15.9	9.9	6.2	3.7	1.9	.3	24.6	2226
	18-20	97.8	62.5	40.1	26.4	18.9	13.6	8.9	4.8	1.0	32.6	2228
	21-23	99.8	83.2	62.5	46.3	32.0	23.6	16.7	10.3	3.3	43.4	2233
TOTALS		97.6	74.9	57.1	43.1	31.4	22.8	15.8	9.4	3.5	40.9	17850

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-4652-72
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	96.3	86.1	74.4	61.4	47.8	34.4	20.4	6.7	58.4	2312
	03-05	100.0	98.4	92.2	83.4	72.8	60.6	47.1	29.6	9.8	65.2	2310
	06-08	100.0	95.3	85.9	74.7	62.1	46.4	31.7	18.0	6.2	57.6	2306
	09-11	99.0	77.8	61.4	43.8	28.0	17.5	9.7	5.2	1.9	39.9	2306
	12-14	94.7	59.3	38.8	22.7	14.6	8.0	4.4	2.3	.6	29.7	2312
	15-17	94.4	51.8	33.4	20.2	13.7	7.9	4.6	2.4	.6	27.9	2306
	18-20	98.0	69.5	50.8	36.5	25.4	17.3	10.8	5.5	1.4	36.7	2315
	21-23	99.9	88.2	73.5	58.8	45.3	32.6	21.4	11.8	3.3	49.1	2310
TOTALS		98.3	79.6	65.3	51.8	40.4	29.8	20.5	11.9	3.8	45.6	18477

USAFETAC

FORM
JUL 64

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008 CANNON AFB NEW MEXICO/CUOVIS

43-46,52-72

JUN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	98.4	92.1	84.3	72.0	55.7	36.7	20.5	3.4	61.9	2202
	03-05	100.0	99.5	96.1	91.1	85.0	72.9	52.9	33.8	7.7	69.5	2201
	06-08	100.0	97.8	92.7	85.6	71.8	53.4	32.8	17.7	2.9	61.0	2201
	09-11	99.3	87.1	70.5	47.9	28.1	15.2	6.6	2.6	.6	41.2	2201
	12-14	96.5	71.4	42.6	21.5	10.7	4.9	2.3	1.2	.2	30.5	2199
	15-17	95.5	64.5	35.1	18.1	9.9	5.8	3.2	1.7	.1	28.6	2204
	18-20	98.3	79.8	58.4	37.7	25.1	15.1	9.5	5.1	1.0	38.4	2203
	21-23	99.8	94.7	84.5	69.7	51.7	34.3	22.0	11.8	1.6	52.5	2206
TOTALS		98.7	86.7	71.5	57.0	44.3	32.2	20.8	11.8	2.2	48.0	17617

RELATIVE HUMIDITY

JUL
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	99.2	94.0	81.2	61.9	42.1	24.3	5.0	66.1	2247
	03-05	100.0	100.0	100.0	98.7	92.0	78.1	56.8	34.7	7.2	72.3	2223
	06-08	100.0	100.0	99.3	94.9	79.4	56.9	36.5	18.2	2.8	64.3	2274
	09-11	100.0	98.3	87.9	60.6	34.7	15.5	6.3	2.2	.6	46.1	2267
	12-14	99.9	91.5	59.5	27.9	13.3	5.5	2.9	1.4	.3	35.8	2270
	15-17	99.7	88.0	52.7	26.2	13.4	6.8	3.6	1.6	.3	34.8	2273
	18-20	100.0	96.4	77.4	53.1	31.9	19.0	11.0	4.8	1.4	45.1	2267
	21-23	100.0	99.6	95.8	83.0	63.5	43.3	27.1	13.9	2.9	58.3	2277
TOTALS		100.0	96.7	84.0	67.3	51.2	35.9	23.3	12.6	2.6	52.9	18092

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008 CANNON AFB NEW MEXICO/CDOVIS

43-46,52-72

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	99.6	96.5	84.1	66.7	46.3	28.6	6.2	68.3	2257
	03-05	100.0	100.0	99.9	98.7	92.8	78.1	57.9	36.9	10.4	73.0	2225
	06-08	100.0	100.0	99.6	95.2	81.6	62.1	43.6	24.9	6.8	66.9	2316
	09-11	100.0	99.1	87.9	63.0	37.2	19.8	9.4	3.8	.6	47.6	2321
	12-14	100.0	92.9	63.3	33.1	17.0	7.4	3.3	1.9	.8	37.5	2321
	15-17	100.0	90.7	58.3	31.0	17.3	9.7	5.2	2.6	.9	37.0	2321
	18-20	100.0	98.2	85.0	61.4	41.7	27.0	16.0	7.2	.8	49.2	2322
	21-23	100.0	100.0	98.6	89.4	69.5	50.3	32.8	17.8	2.8	61.5	2319
	TOTALS	100.0	97.6	86.5	71.0	55.2	40.1	26.8	15.5	3.7	55.1	18402

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46, 52-72

PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	98.9	94.0	83.8	69.4	51.9	36.2	10.4	70.2	2163
	03-05	100.0	100.0	99.7	96.9	90.4	79.6	62.7	44.2	16.7	74.8	2159
	06-08	100.0	100.0	98.4	93.4	83.2	69.8	52.8	35.3	10.7	70.1	2244
	09-11	100.0	96.7	85.0	64.3	46.0	28.3	15.2	6.7	1.7	49.9	2241
	12-14	99.6	88.5	62.0	38.1	21.8	11.6	6.6	3.5	.9	38.8	2246
	15-17	99.6	83.5	55.6	34.9	20.6	12.9	7.7	4.5	1.1	37.6	2241
	18-20	100.0	97.7	85.5	67.6	48.8	32.4	19.8	11.0	3.0	52.1	2244
	21-23	100.0	99.9	97.1	87.3	72.5	55.6	39.0	22.1	5.1	63.6	2245
TOTALS		99.9	95.8	85.3	72.1	58.4	45.0	32.0	20.4	6.2	57.1	17805

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008
STATION

CANNON AFB NEW MEXICO/CUOVIS
STATION NAME

43-46-52-72

PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	99.8	98.2	88.5	72.7	56.5	41.2	25.1	10.7	64.9	2261
	03-05	100.0	100.0	98.9	93.3	80.1	63.4	47.9	31.1	14.1	68.6	2227
	06-08	100.0	99.9	96.6	87.4	72.5	57.0	42.7	27.4	12.4	65.2	2321
	09-11	100.0	92.4	70.7	50.1	34.9	23.1	15.2	9.8	3.9	45.6	2310
	12-14	99.8	77.6	48.9	30.2	19.6	12.6	8.9	6.2	2.3	36.0	2311
	15-17	99.7	75.7	48.3	30.1	19.0	13.6	9.9	6.0	2.3	35.9	2314
	18-20	100.0	97.0	82.0	59.4	42.3	29.5	19.0	12.0	4.6	50.0	2315
	21-23	100.0	99.5	94.5	79.7	60.4	45.5	31.9	18.6	7.2	59.4	2318
TOTALS		99.9	92.7	79.8	64.8	50.2	37.7	27.1	17.0	7.2	53.2	18377

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008
STATION

CANNON AFB NEW MEXICO/CLOVIS
STATION NAME

43-46,52-72

PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	99.8	96.6	87.0	72.0	54.5	35.2	21.5	8.6	63.0	2123
	03-05	100.0	99.9	98.2	91.5	79.8	61.2	41.6	25.4	10.6	66.3	2099
	06-08	100.0	99.7	97.9	88.9	75.5	58.6	39.3	24.4	10.2	64.9	2185
	09-11	100.0	94.6	74.5	53.1	36.4	23.7	16.4	10.8	4.9	47.0	2179
	12-14	99.1	78.8	50.9	30.5	19.4	13.3	9.3	6.0	2.2	36.5	2179
	15-17	99.2	80.2	53.1	32.4	21.2	14.5	9.4	6.0	2.7	37.4	2179
	18-20	100.0	96.8	82.9	64.2	43.0	29.0	18.6	11.6	3.9	50.5	2185
	21-23	100.0	99.1	93.0	78.7	62.0	43.1	28.2	17.7	7.0	59.4	2181
TOTALS		99.8	93.6	80.9	65.8	51.2	37.2	24.8	15.4	6.3	53.0	17310

RELATIVE HUMIDITY

DEC
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30% ϕ	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.9	98.3	89.4	75.8	59.6	39.7	23.0	8.0	64.8	2230
	03-05	100.0	99.9	98.8	92.8	80.6	64.3	46.7	26.7	9.6	67.2	2201
	06-08	100.0	99.7	98.1	91.3	80.6	64.8	44.8	26.4	8.9	66.9	2312
	09-11	100.0	99.4	81.9	63.9	43.3	30.5	19.9	12.0	4.3	50.7	2321
	12-14	99.8	83.3	60.1	40.1	25.1	18.0	11.4	7.0	2.9	40.3	2317
	15-17	99.8	84.9	63.2	43.4	29.3	20.2	12.8	7.5	2.6	41.8	2307
	18-20	100.0	98.4	88.5	71.5	52.7	35.7	23.6	13.9	4.2	54.3	2287
	21-23	100.0	99.3	95.8	82.7	67.4	49.7	33.7	18.9	6.4	60.9	2286
TOTALS		100.0	95.1	85.6	71.9	56.9	42.9	29.1	16.9	5.9	53.9	18261

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

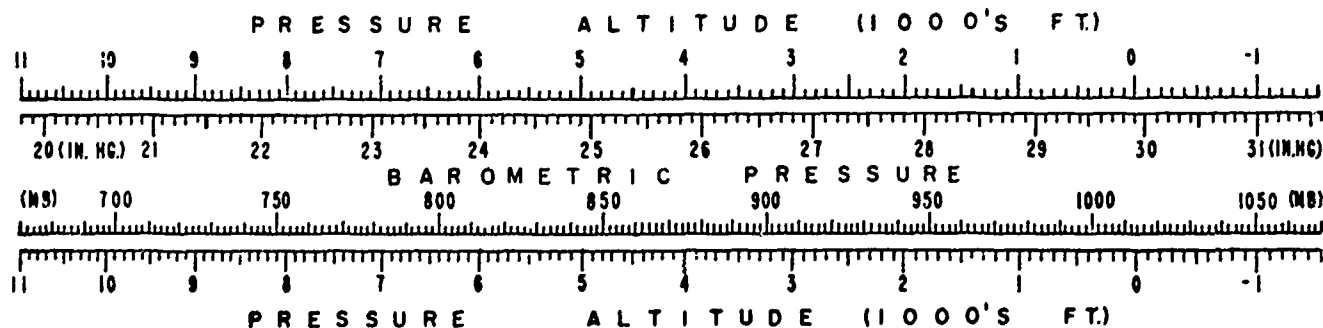
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23000 CANNON AFB NEW MEXICO/CLAVIS

46,51-63,65-72

STATION

STA. C/N NAME

YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	25.673	25.645	25.607	25.606	25.626	25.651	25.732	25.734	25.719	25.713	25.708	25.684	25.675
	S D	.171	.168	.170	.161	.134	.110	.077	.078	.115	.147	.179	.180	.152
	TOTAL OBS	614	558	617	592	617	568	580	620	599	619	579	603	7166
05	MEAN	25.666	25.642	25.607	25.616	25.641	25.664	25.740	25.739	25.726	25.717	25.708	25.677	25.679
	S D	.170	.170	.170	.160	.130	.106	.076	.078	.114	.146	.177	.179	.151
	TOTAL OBS	611	556	604	592	615	567	580	618	600	620	580	603	7146
08	MEAN	25.693	25.671	25.640	25.648	25.667	25.689	25.763	25.764	25.752	25.749	25.736	25.702	25.707
	S D	.170	.172	.172	.165	.133	.106	.076	.079	.114	.146	.176	.181	.152
	TOTAL OBS	614	556	616	589	616	570	596	648	627	648	608	634	7322
11	MEAN	25.702	25.674	25.631	25.633	25.650	25.674	25.751	25.756	25.745	25.741	25.730	25.705	25.700
	S D	.171	.173	.174	.167	.134	.106	.075	.079	.114	.146	.177	.184	.153
	TOTAL OBS	613	555	613	591	614	569	595	648	628	647	609	634	7316
14	MEAN	25.641	25.612	25.574	25.579	25.603	25.629	25.709	25.713	25.695	25.685	25.674	25.651	25.648
	S D	.171	.173	.172	.165	.134	.104	.076	.080	.113	.147	.177	.183	.153
	TOTAL OBS	616	556	615	590	617	568	597	649	628	645	606	634	7321
17	MEAN	25.644	25.603	25.554	25.547	25.567	25.590	25.674	25.680	25.671	25.673	25.673	25.654	25.629
	S D	.169	.169	.168	.166	.134	.108	.077	.082	.114	.146	.174	.177	.153
	TOTAL OBS	611	553	609	589	614	569	596	649	626	646	609	627	7292
20	MEAN	25.670	25.632	25.580	25.581	25.595	25.615	25.700	25.710	25.701	25.701	25.702	25.679	25.657
	S D	.170	.167	.167	.163	.135	.114	.076	.083	.115	.147	.174	.178	.153
	TOTAL OBS	612	556	615	590	616	568	597	650	628	648	609	630	7319
23	MEAN	25.681	25.650	25.609	25.607	25.629	25.655	25.739	25.739	25.723	25.714	25.715	25.690	25.680
	S D	.170	.167	.168	.162	.133	.114	.076	.082	.115	.149	.176	.181	.152
	TOTAL OBS	611	556	613	592	617	568	601	648	627	648	608	629	7318
ALL HOURS	MEAN	25.671	25.641	25.601	25.602	25.622	25.646	25.726	25.729	25.716	25.712	25.706	25.680	25.672
	S D	.171	.171	.172	.166	.137	.123	.081	.084	.117	.149	.178	.181	.154
	TOTAL OBS	4902	4446	4902	4725	4926	4547	4742	5130	4963	5121	4802	4994	58200

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

23008 CANNON AFB NEW MEXICO/CUOVIS

43-46,51-72

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
02	MEAN	1016.9	1015.1	1012.6	1011.0	1010.3	1009.6	1012.6	1012.6	1013.3	1015.2	1016.7	1017.1	1013.6	
	S D	7.666	7.243	7.423	6.991	5.817	4.814	3.272	3.567	4.942	6.417	7.727	7.793	6.797	
	TOTAL OBS	738	671	761	744	772	716	733	744	719	742	698	727	8765	
05	MEAN	1017.2	1015.3	1013.0	1011.7	1011.3	1010.5	1013.2	1013.2	1014.0	1015.9	1017.3	1017.6	1014.1	
	S D	7.609	7.168	7.348	6.873	5.645	4.698	3.232	3.512	4.858	6.341	7.620	7.635	6.658	
	TOTAL OBS	734	668	747	743	770	717	733	741	719	741	700	725	8738	
08	MEAN	1010.9	1017.1	1014.7	1013.0	1012.3	1011.5	1014.1	1014.2	1015.2	1017.3	1018.8	1019.0	1015.5	
	S D	7.559	7.130	7.434	7.108	5.776	4.713	3.279	3.546	4.838	6.262	7.511	7.748	6.749	
	TOTAL OBS	738	667	759	743	771	718	751	772	747	773	728	758	8925	
11	MEAN	1018.3	1016.5	1013.7	1012.0	1011.3	1010.6	1013.3	1013.5	1014.4	1016.4	1017.8	1018.3	1014.7	
	S D	7.628	7.237	7.529	7.317	5.811	4.708	3.302	3.602	4.946	6.366	7.544	7.823	6.843	
	TOTAL OBS	737	668	758	745	768	715	749	772	747	771	729	758	8917	
14	MEAN	1015.5	1013.8	1011.2	1009.9	1009.4	1008.8	1011.7	1011.7	1012.3	1014.0	1015.4	1015.5	1012.4	
	S D	7.618	7.271	7.417	7.169	5.802	4.670	3.336	3.658	4.963	6.400	7.577	7.783	6.737	
	TOTAL OBS	739	668	759	744	772	715	751	774	749	769	726	759	8925	
17	MEAN	1016.2	1013.8	1010.8	1009.0	1008.3	1007.6	1010.6	1010.8	1011.8	1014.1	1016.0	1016.6	1012.1	
	S D	7.541	7.073	7.204	7.121	5.846	4.762	3.348	3.694	4.917	6.372	7.457	7.623	6.932	
	TOTAL OBS	735	666	754	741	766	716	751	773	745	769	722	750	8888	
20	MEAN	1017.9	1015.5	1012.5	1010.4	1009.4	1008.5	1011.6	1012.0	1013.2	1015.4	1017.5	1018.0	1013.5	
	S D	7.579	7.100	7.250	7.135	5.898	5.001	3.372	3.779	4.934	6.380	7.506	7.667	7.043	
	TOTAL OBS	737	670	759	743	771	716	752	774	748	773	729	752	8924	
23	MEAN	1017.6	1015.5	1012.8	1011.1	1010.5	1009.8	1012.8	1012.9	1013.6	1015.4	1017.2	1017.7	1013.9	
	S D	7.653	7.226	7.401	7.114	5.866	4.979	3.371	3.736	4.960	6.459	7.656	7.820	6.873	
	TOTAL OBS	734	670	757	744	772	715	754	772	748	771	727	754	8918	
ALL HOURS	MEAN	1017.3	1015.3	1012.7	1011.0	1010.3	1009.6	1012.5	1012.6	1013.5	1015.5	1017.1	1017.5	1013.7	
	S D	7.670	7.259	7.465	7.201	5.927	4.939	3.479	3.772	5.021	6.454	7.633	7.794	6.908	
	TOTAL OBS	5892	5348	6054	5947	6162	5728	5974	6122	5922	6109	5759	5983	71000	